



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 177009

TO: Sheridan Swope
Location: REM-2B71/3C70
Art Unit: 1656
Monday, January 23, 2006

Case Serial Number: 10/803530

From: Paul Schulwitz
Location: Biotech-Chem Library
REM-1A65
Phone: 571-272-2527

Paul.schulwitz@uspto.gov

Search Notes

Examiner Swope,

Please review the attached search results.

If you have any questions or if you would like to refine the search query, please feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz
Technical Information Specialist
REM-1A65
571-272-2527

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STIC-Biotech/ChemLib

177009

From: Chan, Christina
Sent: Thursday, January 19, 2006 10:31 AM
To: Swope, Sheridan; STIC-Biotech/ChemLib
Subject: RE: 10/803,530

Please rush. Thanks Chris

Chris Chan
TC 1600 New Hire Training Coordinator and SPE 1644
(571)-272-0841
Remsen, 3E89

RECEIVED
JAN 19 2006
Swope, Sheridan
(STIC)

-----Original Message-----

From: Swope, Sheridan
Sent: Wednesday, January 18, 2006 9:41 PM
To: Chan, Christina
Subject: 10/803,530

Chris, May I have this rushed for an allowance?
My Intereference search did not collect enough hits to properly search the seq.
Thanks,

For 10/803,530, pls intereference search:

SID 2 against the Pending_Patents_AA_Main (.rapm)
and the Pending_Patents_NA_Main (.rnpm) databases only.

Collect the top 200 hits from each database.

Thanks!!

Sheridan Swope, Ph.D.
Patent Examiner, AU 1656
Recombinant Enzymes
571-272-0943 (voice)
E02B71 Remsen Bld (Office)
E03C70 Remsen Bld (Mailbox)

Searcher: _____
Searcher Phone: _____
Date Searcher Picked up: _____
Date completed: _____
Searcher Prep Time: _____
Online Time: _____

Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable
STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other (Specify): _____

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GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.

OM protein - nucleic search, using frame_plus_p2n model

Run on: January 21, 2006, 05:29:21 : Search time 7072 Seconds

(without alignments)
3400.995 Million cell updates/sec

Title: US-10-803-530-2
Perfect score: 2342
Sequence: 1 MDPSDDPINSLDVXPLRKP.....VYTKVSAYIMINWVKAEL 435

Scoring table: BLOSUM62
Xgapop 10.0, Xgapext 0.5
Ygapop 10.0, Ygapext 0.5
Fgapop 6.0, Fgapext 7.0
Delop 6.0, Delext 7.0

Searched: 79147668 seqs, 27645789525 residues

Total number of hits satisfying chosen parameters: 158295336

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Command line parameters:

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-NO MMAP -LARGESUBSTRY -NEG SCORES=0 -WAIT -DSPBLOCK=100 -LONGLOG
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-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Pending Patents NA Main:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	2342	100.0	1305	40 US-10-030-668-1	Sequence 1, Appl1
2	2342	100.0	2154	28 US-09-606-680-113	Sequence 3113, Ap
3	2338	99.8	2038	29 US-09-659-151-18	Sequence 18, Appl
4	2338	99.8	2038	42 US-10-180-719-18	Sequence 18, Appl
5	2338	99.8	2038	66 US-11-045-577-18	Sequence 18, Appl
6	2338	99.8	2038	71 US-11-183-914-18	Sequence 18, Appl
7	2337	99.8	1314	1 PCT-US02-19297-88	Sequence 88, Appl

9	2337	99.8	1314	42	US-10-126-052A-448	Sequence 448, App
10	2337	99.8	1314	44	US-10-173-999-88	Sequence 88, App
11	2337	99.8	1314	44	US-10-295-027-133	Sequence 133, App
12	2337	99.8	1314	44	US-10-295-027-778	Sequence 778, App
13	2337	99.8	1314	44	US-10-295-027-790	Sequence 790, App
14	2337	99.8	1314	44	US-10-295-027-830	Sequence 830, App
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16	2337	99.8	2079	82	US-60-625-561-448	Sequence 448, App
17	2337	99.8	2104	3	PCT-US04-11227-1	Sequence 1, App
18	2337	99.8	2104	64	PCT-US04-38689-2	Sequence 2, App
19	2337	99.8	2104	64	US-10-956-157-2292	Sequence 2292, App
20	2337	99.8	2104	65	US-10-991-287-2	Sequence 2, App
21	2337	99.8	2104	65	US-10-994-117-2	Sequence 2, App
22	2337	99.8	2307	81	US-60-507-511-2292	Sequence 2292, App
23	2337	99.8	2307	1	PCT-US02-07826-317	Sequence 317, App
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25	2337	99.8	2307	40	US-10-097-340-317	Sequence 317, App
26	2337	99.8	2307	42	US-10-171-311-217	Sequence 217, App
27	2335	99.7	2307	66	US-11-050-926-317	Sequence 317, App
28	2335	99.7	2121	1	PCT-US01-18568-1	Sequence 1, App
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40	2328	99.4	2112	42	US-10-170-235-14349	Sequence 14349, App
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Qy 321 ProLeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyGlyIysMetSerAspIle 340
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Qy 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyr 360
Db 1021 CTGCTGCAGAGGCTCATGCTCAAGTCAACAGCACAGCTGCATGCAAGATGCCGTAC 1080
Qy 361 GlnGlyGluValThrGluIysMetMetCysAlaGlyIleProGluGlyGlyValAspThr 380
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Qy 381 CysGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGly 400
Db 1141 TGCAGGGGTGACAGTGGTGGGCCCTGTATGTACCAATCTGACAGTGGCATGTGTGGGC 1200
Qy 401 IleValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIysVal 420
Db 1201 ATCGTTAGCTGGGGGTATAGGCTGGGGGGGCCGAGCACCCAGAGATTAACCAAGGTC 1260
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Db 1261 TCACCTATCTCAACTGATCTACAAATGTCTGAAAGGTGAGCTG 1305

RESULT 2

US-09-606-680-3113
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; GENERAL INFORMATION:
; APPLICANT: Lloyd, Clare M.
; APPLICANT: Williamson, Mark
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 1600.1131-001
; CURRENT APPLICATION NUMBER: US/09/606,680
; CURRENT FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: 60/141,227
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 60/141,226
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 4394
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3113
; LENGTH: 2154
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-606-680-3113

Alignment Scores:

Pred. No.: 0 Length: 2154
Score: 2342.00 Matches: 435
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 28 Gaps: 0

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Db 335 CGATATCCCATGAGAGACCTTGAAAGAGTGGGATCCCATCATCATATAGCACTAGAGC 394

Qy 41 LeuAlaSerIleIleIleValValIleuIleIysValIleLeuAspIysTyrThrPhe 60
Db 395 CTGGCAGATACATCATGTGTGTCTCATCAAGGTGATTCGTGATTAATCTACTTC 454
Qy 61 LeuCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAsp 80
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Db 515 TGTCCTTGGGGGAGGACGAGAGCACTGTGTCAAGAGCTTCCCGAAGGCGCTGCAGTG 574
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Db 815 TGTCCTCAGAGCTCCCTGGTCTCTGCTGCACTGTGCTGCTGGGAAAGACCTGAAGACC 874
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Db 875 CCCGTGTGTGGTGGTGGAGAGGCTCTGTGTATTTCTTGTGGCAGGTTCAGATC 934
Qy 221 GlnTyrAspIysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThr 240
Db 935 CAGTACACAAACAGACAGCTGTGTGAGGAGATCTTGACCCCACTGGTCTCTACG 994
Qy 241 AlaAlaHisCysPheArgLysHisThrAspValPheAsnTrpIysValArgAlaGlySer 260
Db 995 GCAGCCCACTGCTTCAGAAACATACCGATGTCTCAACTGGAAGGTGGCGGAGGCTCA 1054
Qy 261 AspIysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleGluPheAsn 280
Db 1055 GACAACTGGGACAGCTTCCATCCCTGGCTGTGGCCAAAGTCAATCATTTGAATTCAC 1114
Qy 281 ProMetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPhe 300
Db 1115 CCATGTACCCCAAAAGACATGACATCGCCTCATGAGCTGCAGTTCCCACTCACTTTC 1174
Qy 301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
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Qy 321 ProLeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyGlyIysMetSerAspIle 340
Db 1235 CCATCTGGATCATGTGATGGGCTTTTACCAACAGATGAGAGGAGATGTCTGACATA 1294
Qy 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyr 360
Db 1295 CTGCTGCAGGCGTCAGTCCAGGTCATTTGACAGCACCGGTGCATGCAATGCGTAC 1354
Qy 361 GlnGlyGluValThrGluIysMetMetCysAlaGlyIleProGluGlyGlyValAspThr 380
Db 1355 CAGGGGGAATCAACGAGAAAGATGTGTGACAGGATCCCGAAGGGGTGTGGACACC 1414
Qy 381 CysGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGly 400
Db 1415 TGCAGGGGTACAGTGTGGGCCCTGTGATTCATTCACCAAGTGGCATGTGTGGGC 1474
Qy 401 IleValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIysVal 420

DB 1475 ATCGTACCTGGGGCTATGCTGCGGGGGCCGAGACCCCGAGTATACCAAGGTC 1534
QY 421 Ser1a1Yr1LeuAsnTrp1Le1YrAsnVal1Trp1Val1GluLeu 435
DB 1535 TCAGCTATCTCACTGATCTACCAATGCTGGAAGGCTGAGCTG 1579

RESULT 3
US-09-659-151-18
Sequence 18, Application US/09659151
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
Hillman, Jennifer L.
Yue, Henry
Guegler, Karl J.
Corley, Neil C.
Tang, Tom Y.
Shah, Purvi

TITLE OF INVENTION: HUMAN PROTEASE MOLECULES
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/659,151
FILING DATE: 11-Sep-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/008,271
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Mohan-Peterson, Sheela
REGISTRATION NUMBER: 41,201
REFERENCE/DOCKET NUMBER: PF-0458 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166

INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 2038 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: COLNOT13
CLONE: 1337018

SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-659-151-18

Alignment Scores:
Pred. No.: 0 Length: 2038
Score: 2338.00 Matches: 434
Percent Similarity: 100.00% Conservative: 1
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.83% Indels: 0
Gaps: 0

US-10-803-530-2 (1-435) x US-09-659-151-18 (1-2038)

QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspVal1LeuProLeuArg1LeuPro 20
DB 200 ATGGATCCCTGACAGATGATCACTCTGAAACAGCTGATGATCAAAACCCCTGCGCAAAACCC 259

QY 21 Arg1LeuProMetGluThrPheArg1LeuVal1Gly1LeuPro1Le1Le1LeuLeuSer 40

DB 260 CGTATCCCATGAGACCTTCAAGAAAGTGGGGATCCCATCATCATCACTACTGAGC 319
QY 41 Leu1aSer1Le1Le1Val1Val1Leu1Leu1Val1LeuAsp1Leu1YrPhe 60
DB 320 CTGGCGAGTATCATTCATTGTGTGTCTCTCATCAAGTGATCTTGGAATTAATCACTTC 379
QY 61 LeuCySg1Yg1nProLeuHisPhe1LeuProArg1Yg1nLeuCyAspG1Yg1nLeuAsp 80
DB 380 CTCTGCGGGAGACCTCTCCATCTCATCCGAGAAAGCAGCTGTGTGACGAGAGCTGAGC 439
QY 81 CySProLeuG1Yg1nAspG1Yg1nHisPhe1Val1YsSerPheProG1Yg1nPro1aVal 100
DB 440 TGTCCCTTG3G3GAGAGAGAGAGCATGTGTCAAGACTTCCCGAAAGGCTCGACAGT 499
QY 101 AlaValArgLeuSer1YsAspArgSerThrLeuGlnVal1LeuAspSer1aThrG1YAsn 120
DB 500 GCAATCCGCTCTCCAGAGACCGATCCACATGCAAGGTGTGTGACTCCGCGCACAGGAAAC 559
QY 121 TrpPheSer1aCySPhAspAsnPheThrG1nVal1aLeu1aGluThr1aCySArgGln 140
DB 560 TGGTTCTGTGCTGTTTGAACAATTCACAGAGCTCTGCTGAGACAGCTGTAGGACG 619
QY 141 MetG1YrSerSer1YsProThrPheArg1aVal1Glu1LeuG1YProAspG1nAspLeu 160
DB 620 ATGGCTACAGACAGCAACCACTTCAGAGCTGTGAGATTTGGCCAGACAGCATGTCG 679
QY 161 AspVal1aGlu1LeuThrGluAsnSerG1nLeuAspMetArgAsnSerSerG1YPro 180
DB 680 GATGTTGTGAATACAGAAACAGCAAGAGCTCCAGATGCGGAACTCAAGTGGGCC 739
QY 181 CySLeuSerG1YSerLeuValSerLeuHisCySLeu1aCySg1YLeuSerLeu1YrThr 200
DB 740 TGTCTCTAGGCTCCCTGTGTCTCTCCGTGACATGTCTGTGCGGAGAGCTGAGAAC 799
QY 201 ProArgVal1aG1Yg1Yg1nGlu1aSerValAspSer1YrPro1YrG1nValSer1Le 220
DB 800 CCCGCTGATGGGGGAGAGAGGCTCTGTGATTTCTTGCCCTTGGCCAGGTGACATC 859
QY 221 Gln1YrAsp1YsGlnHisVal1CySg1Yg1Yser1LeuAspProHis1YrVal1LeuThr 240
DB 860 CAGTACGACAAACAGCAAGCTGTGTGAGAGAGCATCTCGAACCCCACTGGGTCTCAAG 919
QY 241 Ala1aHisCySPhAspArg1YrHis1YrAspVal1PheAsnTrp1YsVal1Arg1aG1YSer 260
DB 920 GCAAGCCCATCTGCTTCAAGAAACATCCATGCTTCAACTGGAAGTCCGGCAAGCTCA 979
QY 261 Asp1YsLeuG1YSerPheProSerLeu1aVal1a1Ys1Le1Le1Leu1PheAsn 280
DB 980 GACAAACTGGGCGAGCTTCCATCCCTGCTGTGGCCAGATCATCATCATTAATTTCAAC 1039
QY 281 ProMet1YrPro1YsAspAsnAsp1Leu1aLeuMet1YsLeuGlnPheProLeuThrPhe 300
DB 1040 CCCATGTACCCCAAGAACATGATCCCTTCAGAAAGCTGCAATCTCCCATCTCACTTTC 1099
QY 301 SerG1YrVal1ArgPro1LeuCySLeuProPhePheAspG1nGluLeuThrPro1aThr 320
DB 1100 TCAGGCAAGTCAAGCCCATCTGTGTGCTCTTTTGAAGAGACTCATCTCAAGCCACC 1159
QY 321 ProLeuTrp1Le1Le1G1YrPhe1YrPheThr1YsGlnAsnG1Yg1YLeuMetSerAsp1Le 340
DB 1160 CCACCTCGATCATTCATGATGGGGCTTTACGAAGCAGATGAGGGAGATGCTGACATTA 1219
QY 341 LeuLeuGln1aSerVal1GlnVal1LeuAspSerThrArgCySAsn1aAspAsp1aYr 360
DB 1220 CTGCTGACGGGTCAAGTCCAGTCAATTCACAGACACAGCGTGAATGACAGCATCCGATC 1279
QY 361 GlnG1Yg1nVal1ThrG1nYsMetMetCyS1aG1YLeuProG1nG1Yg1YValAspThr 380
DB 1280 CAGGGGGAAGTCAACCGAAGATATATGTGTGACAGGCACTCCGGAAGGGGGTGTGACACC 1339
QY 381 CySglnG1YAspSerG1Yg1YProLeuMet1YrGlnSerAspG1nTrpHisVal1aG1Y 400
DB 1340 TGCCAGGGTGAACAGTGGTGGGCCCTGTATGTATCAATCTGACAGTGGCATGTGTGGCC 1399

QY 401 ILevalserTrpGlyTyrGlyCysGlyGlyProserThrProGlyValTyrThrIysVal 420
Db 1400 ATGGTATGCGGGGCTATGGCTGGCGGGCCGAGCACCCGAGATATACCAAGGTC 1459
QY 421 SerAlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGluLeu 435
Db 1460 TCAAGCTATCTCACTGATCTTACATATCTCGAAGGCTAGAGCTG 1504
RESULT 4
US-10-180-719-18
; Sequence 18, Application US/10180719
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; Hillman, Jennifer L.
; Yue, Henry
; Guegler, Karl J.
; Corley, Neil C.
; Tang, Tom Y.
; Shah, Purvi
; TITLE OF INVENTION: HUMAN PROTEASE MOLECULES
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Dr.
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/180,719
; FILING DATE: 25-Jun-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/008,271
; FILING DATE: 16-Jan-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Mohan-Peterson, Sheela
; REGISTRATION NUMBER: 41,201
; REFERENCE/DOCKET NUMBER: PF-0458 US
; TELEPHONE: 650-855-0555
; TELEFAX: 650-845-4166
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2038 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: COLNOT13
; CLONE: 1337018
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-180-719-18
Alignment Scores:
Pred. No.: 0 Length: 2038
Score: 2338.00 Matches: 434
Percent Similarity: 100.00% Conservative: 1
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.83% Indels: 0
DB: 42 Gaps: 0
US-10-803-530-2 (1-435) x US-10-180-719-18 (1-2038)
QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysPro 20
Db 200 ATGATCTCTGACAGATGATCAACTCTGGAACAGCCCTGATGTCAAACCCCTGGCAAAACC 259

QY 21 ArgIleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSer 40
Db 260 CGTATCCCATGAGACCTTACAAAGATGGGATCCCATCATCATATGACATCTAGAC 319
QY 41 LeuAlaSerIleIleIleValIleValIleuIleIysValIleLeuAspIysTyrPhe 60
Db 320 CTGGCGAGTATCATCATTTGGTGTTCCTCATAGGTGATTCGTGGTAATATCTACTTC 379
QY 61 LeuCysGlyIleGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyIleLeuAsp 80
Db 380 CTTCGGCGAGGAGCTTCTCCACTTCATCTCCAGAGAGAGCTGTGTGACGAGAGCTGAC 439
QY 81 CysProLeuGlyIleGlnAspGlnGluHisCysValIysSerPheProGlnGlyProAlaVal 100
Db 440 TGTCTCTGGGGAGAGACGAGAGCACTGTGTCAAGAGCTTCCCGAAGGCGCTGAGTG 499
QY 101 AlaValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db 500 GCAATCCGCTCTCCAAAGACCATCCATCCACTGAGTGTGAGACTCGGACACAGGAGAC 559
QY 121 ThrPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
Db 560 TGGTCTCTGCTGTTCGACACTTCACAAAGCTTCCTGTGACAGAGCTGTGAGCAG 619
QY 141 MetGlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
Db 620 ATGGGCTACAGACGAAACCACTTTCAGAGCTGTGAGATGGGCCACAGATCTG 679
QY 161 AspValValGluIleThrGluAsnSerGlnIleLeuArgMetArgAsnSerSerGlyPro 180
Db 680 GATGTGTGTAAATCACAGAAACAGCAGAGAGCTTCGATGGGAACTCAAGTGGGCCC 739
QY 181 CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThr 200
Db 740 TGTCTCTCAGAGCTCCCTGGTCTCTCTGCTGCACTGTCTTCTCTGGGAGAGCTGAAAC 799
QY 201 ProArgValValGlyIleGlnGluAlaSerValAspSerTrpProTrpGlnValSerIle 220
Db 800 CCCGCTGTGGTGGGTGGGAGAGGCTCTGTGATCTTGGCTTGGCCTGGCAGTACGATC 859
QY 221 GlnTyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTrpValLeuThr 240
Db 860 CAGTACGACAAACAGCAGCTGTGGAGGAGGATCTCGAACCCCACTGGGTCTTACG 919
QY 241 AlaAlaHisCysPheArgIysHisIleThrAspValPheAsnTrpIysValArgAlaGlySer 260
Db 920 GCAGCCCACTGCTTCAGAAACATACCGATGTGTTCACTGGAAAGTGGGGCAGGCTCA 979
QY 261 AspIysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleGluPheAsn 280
Db 980 GACAAACTGGGAGGCTTCCCATCCCTGCTGTGGCCAAAGATCATCATTAATTCAC 1039
QY 281 ProMetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPhe 300
Db 1040 CCCATGTACCCCAAGAACATGACATGCCCTCATGAGCTGACGTTCCCATCACTTTC 1099
QY 301 SerGlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThr 320
Db 1100 TCAAGCACAGTCAAGGCCCATCTGTCTGCTCTTCTTATGAGAGCTCATCTCCAGCCAC 1159
QY 321 ProLeuTrpIleIleGlyTyrGlyPheThrIysGlnAsnGlyIysIysMetSerAspIle 340
Db 1160 CCACTCTGGATCATTTGATGGGCTTTACGAAGCAGATGAGAGGAATGTCTGACATA 1219
QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyr 360
Db 1220 CTGCTGACGGGCTAGTCAAGGTCAATTGACAGCACAGCGTGCATATGACAGAGTGTAC 1279
QY 361 GlnGlyGlnValThrGluIysMetMetCysAlaGlyIleProGlnGlyIysValAspThr 380
Db 1280 CAGGGAGAGTCAACCGAAGATATGTGTGACAGCATCCCGAAGGGGGTGTGACACC 1339
QY 381 CysGlnGlyAspSerGlyIysProLeuMetTyrGlnSerAspGlnTrpHisValIleGly 400

DB 1340 TGCAGGGTGCACAGTGGGCCCCCTGATGACCAATCTGACCAAGTGCATGTGGTGGC 1399

QY 401 ILeValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIysVal 420

DB 1400 ATCCGTAGCTGGGGCTATGCGTGGCGGGGCCGAGCACCCGAGGATTAACCAAGGTC 1459

QY 421 SerIaTyrLeuAsnTrpIleTyrPheValTyrPheValIleu 435

DB 1460 TCAGCTATCTCACTGATCTCAATGCTGGAAGGCTGAGCTG 1504

RESULT 5

US-11-045-577-18

Sequence 18, Application US/11045577

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

Yue, Henry

Hillman, Jennifer L.

Guegler, Karl J.

Corley, Neil C.

Tang, Tom Y.

Shah, Purvi

TITLE OF INVENTION: HUMAN PROTEASE MOLECULES

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSEE: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Dr.

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/11/045,577

FILING DATE: 27-Jan-2005

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/659,151

FILING DATE: 11-Sep-2000

APPLICATION NUMBER: 09/008,271

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Mohan-Peterson, Sheela

REGISTRATION NUMBER: 41,201

REFERENCE/DOCKET NUMBER: PF-0458 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-855-0555

TELEFAX: 650-845-4166

INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:

LENGTH: 2038 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: COLNOT13

CLONE: 1337018

SEQUENCE DESCRIPTION: SEQ ID NO: 18:

US-11-045-577-18

Alignment Scores:

Pred. No.: 0 Length: 2038

Score: 2338.00 Matches: 434

Percent Similarity: 100.00% Conservative: 1

Best Local Similarity: 99.77% Mismatches: 0

Query Match: 99.83% Indels: 0

DB: 66 Gaps: 0

US-10-803-530-2 (1-435) x US-11-045-577-18 (1-2038)

QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysPro 20

DB 200 ATGGATCTCTGACAGTGAATCAACTCTTGAAACAGCTTCAGTGCACAAACCCCTCGCAAAACC 259

QY 21 ArgIleProMetGluThrPheArgIysValGlyIleProIleIleIleIleLeuSer 40

DB 260 CGTATCCCATGAGGAGCCTTCAGAAAGGTGGGATCCCATCATCATATGACTCATGAGC 319

QY 41 LeuIaSerIleIleIleValIleValIleuIleIysValIleLeuAspIysTyrPhe 60

DB 320 CTGGCGAGTATCATATGATGTGTCTCATCAAGGATGATTCGATTAATTAATCTATTC 379

QY 61 LeuCysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGluLeuAsp 80

DB 380 CTTCGGGGAGAGCTCTTCCATCTTATCCGAGGAAGACGTGTGAGCGAGAGCTGAGC 439

QY 81 CysProLeuGlyGluAspGlnGluHisCysValIysSerPheProGlyGlyProAlaVal 100

DB 440 TGTCCCTTGGGGGAGAGCAGAGAGCACTGTCTCAAGACCTTCCCGAAGGGCTTGACATG 499

QY 101 AlaValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120

DB 500 GCAATCCGCTCTCCAGAGACCGAATCACTGACAGTGTGACTCGGCAAGGAGAAC 559

QY 121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuValGluThrAlaCysArgGln 140

DB 560 TGGTTCTGTGCTGTTCGACACTTCAAGAGCTCGGTGAGACGCTGTATGGCAG 619

QY 141 MetGlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160

DB 620 ATGGGCTACACAGCAAAACCACTTTCAGACCTGTGAGATTTGGCCAGACAGATCTG 679

QY 161 AspValValGluIleThrGluAsnSerGlnGluLeuAspMetArgAsnSerSerGlyPro 180

DB 680 GATGTGTGAATCAAGAAACAGCAAGAGGCTCCAGATGGGAACTCAAGTGGGCC 739

QY 181 CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThr 200

DB 740 TGTCTCTAGGCTCCCTGTGTCTCTCTGCACTGTCTTGTGGGAGAGCTGAAAGCC 799

QY 201 ProArgValValGlyIleGluGluAlaSerValAspSerTrpProGlnValSerIle 220

DB 800 CCCGCTGTGTGGGGGAGGAGGAGGCTCTGTGATTTCTTGGCTTGGCAGGTCAAGATC 859

QY 221 GlnTyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTrpValLeuThr 240

DB 860 CAGTACGACAAACAGCAAGCTGTGTGAGGAGGAGCATCTGAGCCCTCACTGGGTCTTCAG 919

QY 241 AlaAlaHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaIysSer 260

DB 920 GCAAGCCCATGCTTACAGAAACATACCATGTGTTCATCTGAAAGTCCGGGCAAGCTCA 979

QY 261 AspIysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleGluPheAsn 280

DB 980 GACAAACTGGGAGAGCTTCCATCTCTGTGGTGGCCAGATCATCATATTAATTCAC 1039

QY 281 ProMetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPhe 300

DB 1040 CCCATGTACCCCAAGAAACATACATCCCTCATGAAGCTGCAATCTCCACTCATCTTC 1099

QY 301 SerGlyThrValArgProIleCysLeuProPheAspGlnGluLeuThrProAlaThr 320

DB 1100 TCAGGCAAGTCAAGGCCATCTGTCTCTCTTGTATGAGAGCTCATCTCAAGCACCC 1159

QY 321 ProLeuTrpIleIleGlyTyrGlyPheThrIysGlnAsnGlyIysMetSerAspIle 340

DB 1160 CCACTCTGATCATTTGATGGGCTTTTACGAGCAAGATGGGGAAGATGTCTACATTA 1219

QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyr 360

DB 1220 CTGTGCAAGGCTCATGCTCATGATGACACACCGGTGACATGCAAGCATGCGTAC 1279

QY 361 GlnGlyGluValThrGluIysMetMetCysAlaGlyIleProGluGlyValAspThr 380

DB 1280 CAGGGGAGAGTCAACCGAAGATGATGTGCAAGCATCCCGAAGGGGGTGGACACC 1339
QY 381 CysGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValGly 400
DB 1340 TGGCAGGGGTACAGTGTGGGCCCCGTGATGTACCAATCTGACAGTGGCATGTGGGGC 1399
QY 401 IleValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrIleVal 420
DB 1400 ATCGTTAGCTGGGGCTTATGTGCTGGGGGGCCCGAGCACCCCGAGAGTATACCCAGGTC 1459
QY 421 SerAlaTyrLeuSerTrpIleTyrAsnValTrpIleValIleu 435
DB 1460 TCAGCTTATCTCACTGATCTCAATGTCTGGAGGCTGAGCTG 1504
RESULT 6
US-11-183-914-18
Sequence 18, Application US/11183914
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hillman, Jennifer L.
APPLICANT: Yue, Henry
APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
APPLICANT: Tang, Tom Y.
APPLICANT: Shah, Purvi
TITLE OF INVENTION: HUMAN PROTEASE MOLECULES
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/183,914
FILING DATE: 19-JULY-2005
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/008,271
FILING DATE: 16-Jan-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Mohan-Peterson, Sheela
REGISTRATION NUMBER: 41,201
REFERENCE/DOCKET NUMBER: PR-0458 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 2038 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: COLNMOT13
CLONE: 1337018
US-11-183-914-18
Alignment Scores:
Pred. No.: 0 Length: 2038
Score: 2338.00 Matches: 434
Percent Similarity: 100.00% Conservative: 1
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.83% Indels: 0

DB: 71 Gaps: 0
US-10-803-530-2 (1-435) x US-11-183-914-18 (1-2038)
QY 1 MetAspProAspSerAspGlnProLeuAsnSerIleuAspValIleProLeuArgIlePro 20
DB 200 ATGATGCTCTGACAGTATCAACTCTGAACAGCCTGATGTCMAACCCCTCGCCCAACCC 259
QY 21 ArgIleProMetGlnThrPheArgIleValIleProIleIleIleIleLeuLeuSer 40
DB 260 CGTATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACCTACTGAGC 319
QY 41 LeuAlaSerIleIleIleValIleValIleuIleValIleuAspTyrTyrPhe 60
DB 320 CTGGCAGATATCATCTTGTGTGTTCATCATAGGTGATCTGTGATTAATACTACTTC 379
QY 61 LeuCysGlyGlnProLeuHisPheIleProArgIleGlnLeuCysAspGlyIleuLeuAsp 80
DB 380 CTCTGGCGGCGAGCCTCTCCACTTCATCCGAGGAGACAGCTGTGTACAGGAGCTGGAC 439
QY 81 CysProLeuGlyGlnAspGlnGluHisCysValIleSerPheProGlyGlyProAlaVal 100
DB 440 TGTCCCTTGGGGAGAGACGAGGACCTGTGTCAAGAGCTTCCCGAAGGCTGCAAGT 499
QY 101 AlaValArgLeuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsn 120
DB 500 GCAGTCGCGCTCTCCAGAGACCGATCCAGCTCAGGTGTGAGCTCGGCACAGGGAAC 559
QY 121 TrpPheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGln 140
DB 560 TGGTCTCTGCTCGTGTTCGACCACTTCACAGAGCTCTCGCTGAGACAGCTTATAGGAG 619
QY 141 MetGlyTyrSerSerIleProThrPheArgAlaValGlnIleGlyProAspGlnAspLeu 160
DB 620 ATGGGCTTACGACGACAAACCACTTTCAGAGCTGTGAGATTTGGCCAGACAGATCTG 679
QY 161 AspValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerGlyPro 180
DB 680 GATGTGTTAATATCACAGAAACAGCAGGAGCTTCGATCGCAATCGAGGCC 739
QY 181 CysLeuSerGlySerIleuValSerLeuHisCysLeuAlaCysGlyIleuSerLeuValThr 200
DB 740 TGTCTTCAGGCTCCCTGTCTCCCTGACACTGTCTGCTGGAGGAGACCTGAAAGACC 799
QY 201 ProArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIle 220
DB 800 CCCGCTGTGTTGGTGGGAGAGAGGCTCTGTGATTTCTTGGCTTGGAGGTCAAGATC 859
QY 221 GlnTyrAspIleGlnHisValCysGlyGlySerIleuAspProHisTrpValLeuThr 240
DB 860 CAGTACGACAAACAGCAGCTCTGTGGAGGAGATCTTGACCCCACTGGGTCTTCACG 919
QY 241 AlaAlaHisCysPheArgIleHisIleThrAspValPheAsnTrpIleValArgAlaGlySer 260
DB 920 GCACCCCACTGCTTCAGAAACATACCGATGTGTTCACTGAGAGGTGCGGGCAGGCTCA 979
QY 261 AspIleLeuGlySerPheProSerIleuAlaValAlaIleIleIleIleIleGluPheAsn 280
DB 980 GACAAACTGGGCGAGCTTCCATCTCTGCTGTGGCCAAAGTATCATCATTTGAATCAAC 1039
QY 281 ProMetTyrProIleAspAsnAspIleAlaLeuMetIleLeuGlnPheProLeuThrPhe 300
DB 1040 CCCATGTACCCCAAGACCAATGACATGCGCTCATGAGGCTGCGACCTCCACTCACTTC 1099
QY 301 SerGlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThr 320
DB 1100 TCAGGCAACGTCAGGCCCATCTGTGCTCTTCTTATGAGAGGCTCATCTCCAGCCACC 1159
QY 321 ProLeuTrpIleIleGlyTrpGlyPheThrIleGlnAsnGlyGlyIleMetSerAspIle 340
DB 1160 CCACTCTGATCATTTGATGTGGGCTTTACAGACAGATGAGGAGAGATGTCTGACATA 1219
QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyr 360

Db 1220 CTGCTGCAAGGGCTGCTCAAGTATTTAGACAGCAAGCGGTGCAAGCATGCGATCTAC 1279
Qy 361 GINGLIGLIVAlThrGluLysMetCysAlaGlyIleProGluGlyValAspThr 380
Db 1280 CAGGGGGAAGTCAACCGAAGATGATGTGTGACAGCATCCCGAAGGGGGTGTGACACC 1339
Qy 381 CysGlnGlyAspSerGlyValProLeuMetTyrGlnSerAspGlnTrpHisValValGly 400
Db 1340 TGCAGGGGTGACAGTGTGTGGGCCCCCTGATGATACCAATGACAGCTGGCATGTGGTGGGC 1399
Qy 401 IleValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIysVal 420
Db 1400 ATCGTACTGCGGGCTATGTGCTGCGGGGGCCGAGACACCCAGAGTATACCAAGATTC 1459
Qy 421 SerAlaTyrLeuAsnTrpIleTyrAsnValTyrIysAlaGluLeu 435
Db 1460 TCAGCTATCTCACTGATCTACATGCTGGAAGGCTGAGCTG 1504
RESULT 7
PCT-US02-19297-88
Sequence 88, Application PC/TUS0219297
GENERAL INFORMATION:
APPLICANT: Mack, David H.
APPLICANT: Gish, Kurt C.
APPLICANT: Bos Biotechnology Inc.
TITLE OF INVENTION: Methods of Diagnosis of Ovarian Cancer, Compositions
and Methods of Screening for Modulators of Ovarian
TITLE OF INVENTION: Cancer
FILE REFERENCE: 018501-002420PC
CURRENT APPLICATION NUMBER: PCT/US02/19297
CURRENT FILING DATE: 2002-06-18
PRIOR APPLICATION NUMBER: US 60/299,234
PRIOR FILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: US 60/315,287
PRIOR FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: US 60/317,544
PRIOR FILING DATE: 2001-09-05
PRIOR APPLICATION NUMBER: US 60/350,666
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/372,246
PRIOR FILING DATE: 2001-04-12
NUMBER OF SEQ ID NOS: 164
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 88
LENGTH: 1314
TYPE: DNA
ORGANISM: Homo sapiens
PCT-US02-19297-88
Alignment Scores:
Pred. No.: 0 Length: 1314
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: 1 Gaps: 0
US-10-803-530-2 (1-435) x PCT-US02-19297-88 (1-1314)
Qy 2 AppProAspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgLysProArg 21
Db 10 GATCCTGACAGTATCAACCTCTGAACAGCTCGATGCMAAACCCTGGCAAAACCCCGT 69
Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 70 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATACATACATACGACCTG 129
Qy 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrThrPheLeu 61
Db 130 GCGAGATCATCATTTGGTTGCTCATCAAGGTGATTCGGATTAATACACTTCCCTC 189
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspLysGluLeuAspCys 81

Db 190 TCGGGGAGCCTCTTCACTTATCATCCCGAGAGAGAGCTGTGTGACGAGAGCTGACGT 249
Qy 82 ProLeuGlyValAspGlnGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 250 CCGTTGGGGAGAGACGAGAGACACTGTGTCAAGACTTCCCGAAGGGCCTGGACATGGCA 309
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 310 GTCCGCTCTCCAGAGACCGATTCACACTGCAAGTGTGACTGGCCACAGGGAACTGG 369
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 370 TTCTGTGCTGTTCGACAACTTACAGAGCTCTGCTGAGACAGCCTGTATGAGCAGATG 429
Qy 142 GlyTyrSerSerLysProThrPheArgValValGluIleGlyProAspGlnAspLeuAsp 161
Db 430 GGTACACAGACCAAAACCACTTTCAGACTGTGAGATGGCCCAACAGAGATCTGAT 489
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerGlyProCys 181
Db 490 GTTGTGAATTCAGAAACAGCCAGAGCTTGCATGCGGAACTCAAGTGGGCTGT 549
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 550 CTCTCAGGCTCCCTGTGTCTCCCTGCACTGTGTGCGGAAAGCTGAAAGACCCCC 609
Qy 202 ArgValValGlyGlyGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 610 CGTGTGTGGGTGGGAGAGAGCCCTGTGATCTTGTGACCTTGGCAGTCCAGTCCAG 669
Qy 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThrAla 241
Db 670 TACAGCAAGACAGAGTGTGTGAGAGGACATCTGAGACCCCACTGGGTCTTCAGGCA 729
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaLysSerAsp 261
Db 730 GCCCATCTCTTCAGAAACATACCGATGTGTTCATCTGGAAGTCCGGGCAAGCTCAGAC 789
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 790 AAACCTGGCAGCTTCCATCTCCCTGTGCTGGCAGAGATCATCATCATTAATTAACCCC 849
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 850 ATGTACCCCAAGAAAGAAATGATGCGCCCTCATGAAGCTGCACTTCCACTCTTTCTCA 909
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 910 GGCACAGTCAAGCCCATCTGTCTGCTGCTCTTTTGTATGAGAGCTCACTCAGCCACCCCA 969
Qy 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
Db 970 CTCTGCATCATTTGATGGGCTTTTACGAAGCAGATGAGGGGAAAGTGTCTACATACCTG 1029
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1030 CTGCAAGGCTCAGTCAAGTCAATTGACAGACACAGGTGCAATGCATCATCTGACAG 1089
Qy 362 GlyIleValIleThrGluLysMetCysAlaGlyIleProGluGlyValAspThrCys 381
Db 1090 GGGAGAGTCAACCGAAGATGATGTGTGACAGGACATCCCGAAGGGGGTGTGACACCTGC 1149
Qy 382 GlnGlyAspSerGlyValProLeuMetTyrGlnSerAspGlnTrpHisValValGly 401
Db 1150 CAGGGTGAAGTGTGGGCCCCCTGATGTACAAATGTGACAGTGCATGTGTGGGCATTC 1209
Qy 402 ValSerTrpGlyTyrGlyCysGlyLysProSerThrProGlyValTyrThrIysValSer 421
Db 1210 GTTACTGTGGGCTATAGCTGCGGGGACCCAGACACCCAGAGATACCAAGGTTCTCA 1269
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrIysAlaGluLeu 435

Db 1270 GCCTATCTCAACTGATCTACATGTCTGAAGCGTAGCTG 1311

RESULT 8

US-10-126-052A-448

Sequence 448, Application US/10126052A

GENERAL INFORMATION:

APPLICANT: Murray, Natasha

APPLICANT: Eos Biotechnology, Inc.

TITLE OF INVENTION: Methods of Diagnosis of Lung Cancer, Compositions and

TITLE OF INVENTION: Methods of Screening for Modulators of Lung Cancer

FILE REFERENCE: 018501-001530US

CURRENT FILING DATE: 2002-04-18

PRIOR APPLICATION NUMBER: US 60/284,770

PRIOR FILING DATE: 2001-04-18

PRIOR APPLICATION NUMBER: US 60/290,492

PRIOR FILING DATE: 2001-05-10

PRIOR APPLICATION NUMBER: US 60/339,245

PRIOR FILING DATE: 2001-11-09

PRIOR APPLICATION NUMBER: US 60/350,666

PRIOR FILING DATE: 2001-11-13

PRIOR APPLICATION NUMBER: US 60/334,370

PRIOR FILING DATE: 2001-11-29

PRIOR APPLICATION NUMBER: US 60/372,246

PRIOR FILING DATE: 2002-04-12

NUMBER OF SEQ ID NOS: 691

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 448

LENGTH: 1314

TYPE: DNA

ORGANISM: Homo sapiens

US-10-126-052A-448

Alignment Scores:

Pred. No: 0 Length: 1314

Score: 2337.00 Matches: 434

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 99.79% Indels: 0

DB: 42 Gaps: 0

US-10-803-530-2 (1-435) x US-10-126-052A-448 (1-1314)

QY 2 ASPPROASPSSERAPGINPROLEUASNSERLEUASPVALLYSPPROLEUARGLYSPROARG 21

Db 10 GATCTTGAACAGTGAATCAACTCTGAACAGCTCGATGTCANAACTCCCTGCGAAGCCCGCT 69

QY 22 ILEPROMETGIUTHRPHEARGLYSVALGTYLEPROILEILEILEALEULEUSERLEU 41

Db 70 ATCCCGATGAGACCTTCAGAAAGTGGGAGATCCCGATCATCATAGCATTAAGAGCTG 129

QY 42 ALASERILEILEILEVALVALLEULELYSVALILELEUASPLYSTYTYRPHLEU 61

Db 130 GCGAGTATCATCATGTGGTGTGCTCTCATCAAGGTGATTCGATTAATACTACTTCTC 189

QY 62 CYSGLYGINPROLEUHSIPHEILEPROARGLYSGINLEUCYASAPGILYGLULEUASPCYS 81

Db 190 TGGCGGAGCGCTCTCCACTTATCCCGAGAAAGCGCTGTGTAGCGGAGAGCTGAGCTGT 249

QY 82 PROLEUGLYGLUASPGILUHSIPHEILEPROARGLYSGINLEUCYASAPGILYGLULEUASPCYS 101

Db 250 CCCTTGGGGGAGGAGCGAGGAGCATGTGTCAAGAGCTTCCCGAAGGGCTCGAGTGCA 309

QY 102 VALARGLEUSERLYSAPARGYSETRTHLEUGINVALLEUASPSERIALTHGLYASNTTP 121

Db 310 GTCCGCTCTTCCAGAGGACCGATCCACATCGAGGTGCTGAGCTGCGCCACGAGGAACCTG 369

QY 122 PHESERIALCYSPHEASPSANPHETHGJUALALEUAGIUTHRALCYASRGJLMEC 141

Db 370 TTCTCTGCTTGTTCGACAACTTCAACAGAGCTCTCGCTGAGACGCTGTAGGCAAGTG 429

QY 142 GLTYRISERSELYSPROTHRPHARGALVALGJULIEGLYPROASPGINASPLLEUASP 161

Db 430 GGCTACGAGCAAAACCACTTTCAGAGCTGTGGAGTGTGCCCAAGCCAGATCTGAT 489

QY 162 VALVALGJULIEHRGJULUASNSERGINLEUARGMEKTRGASNSERSELYSPROCY 181

Db 490 GTTGTTAATTCACAGAAACAGCCAGAGACTTGCATGTGGAACTCAAGTGGGCCCTGT 549

QY 182 LEUSERGLYSERLEUVALSERLEUHSIPHEILEPROARGLYSGINLEUASPSERIALTHGLYASNTTP 201

Db 550 CTTCAGAGCTTCCCTGTCTCTCCCTGCACTGTCTTCTGTGGAGAGCTGAGAGCCCC 609

QY 202 ARGVALVALGJULIEUGJUALASERVALASPSERTTPROTPGINVALSERILEGN 221

Db 610 CGTGTGTGGGTGGGAGGAGGCGCTGTGTGATTTCTTGCCCTTGAGGAGCTGAGATCAG 669

QY 222 TYRASPLYSGINHSIVALCYSGLYGYSERILELEUASPROHSITRPPVALLLEUTHALA 241

Db 670 TACGACAAACAGACGCTGTGTGAGGAGCATCTGAGACCCCACTGGATCTTCACGCA 729

QY 242 ALAHSIPASPHARGLYSHISTHRASPVALLPHEASNTTPLYSVALARGALAGLYSERASP 261

Db 730 GCCCACTGCTTCCAGAAACATACCGATGTTCACATCGAAGGTGCGGAGGCTCGAG 789

QY 262 LYSLEUGLYSERPHEPROSERLEUVALVALALYSILEILEILEGLUPHEASPRO 281

Db 790 AAACGTGGGAGCTTCCCATCCCTGCTGTGGCCAGATCATCATTAATTAATCAACCC 849

QY 282 METTYRPROLYSAPASNSERIALALEUETLYLEUGINPHEPROLEUTHRPHESER 301

Db 850 ATGTACCCCAAAAGCAATGACATGCGCCCTCATAGCTGACAGTTCACATCTTCATCA 909

QY 302 GLTYRVALARGPROILECYSEUPROPHEPHEASPOJULIEUTHRPROALATHRPRO 321

Db 910 GGCACATGACGGCCCATCTGTCTGCTTGTGTGATGAGAGCTCATCCAGCAACCCCA 969

QY 322 LEUTRPLEILEGLYTRPGLYPHETHRLYSGINGLYLYSNETSERAPILEU 341

Db 970 CTCGATCATCATGTGATGGGCTTTACAGAACAGATGAGGAGGATGTCTGACATCTG 1029

QY 342 LEUGINLASERVALGINVALILEASPSERTTHARGYASNSMLASAPASPAIATYRGIN 361

Db 1030 CTGAGGCGTCAAGTCCAGTCAATGACAGACACGCGTCAATGACAGATGGGTACAG 1089

QY 362 GLYGLUVALTHRGLIUSMETMETCYALAGLYILEPROGLUGLYGLYVALASPTHRCY 381

Db 1090 GGGGAATACCGAGAAAGATGTGTGACGAGCATCCCGAAGGGGTGTGACACCTGC 1149

QY 382 GINGLYASPSERGLYGLYPROLEUMETTYRGINSERASPGINTTPHSIVALGLYILE 401

Db 1150 CAGGATGACAGTGTGGGCCCTGATGTACCAATCTGACCAAGTGTGTGGGCATC 1209

QY 402 VALSERTPGLYTYRGLYCYSGLYGLYPROSETTHPROGLYVALTYRTHRYSVALSER 421

Db 1210 GTTAGCTGGGGCATAGTGTGCGGGGCGCGAGACCCCAAGATATACCAAGATCTCA 1269

QY 422 ALATYRLEUASNTTPILETYRASNVALLTPLYSVALAGJULIEU 435

Db 1270 GCCTATCTCAACTGATCTACATGTCTGGAAGCTGAGCTG 1311

RESULT 9

US-10-173-999-88

Sequence 88, Application US/10173999

GENERAL INFORMATION:

APPLICANT: Mack, David H.

APPLICANT: Eos Biotechnology, Inc.

TITLE OF INVENTION: Methods of Diagnosis of Ovarian Cancer, Compositions

TITLE OF INVENTION: and Methods of Screening for Modulators of Ovarian

FILE REFERENCE: 018501-002420US

CURRENT FILING DATE: 2002-06-17

PRIOR APPLICATION NUMBER: US 60/299,234

; PRIOR APPLICATION NUMBER: US 60/347,349
 ; PRIOR FILING DATE: 2002-01-10
 ; PRIOR APPLICATION NUMBER: US 60/355,250
 ; PRIOR FILING DATE: 2002-02-08
 ; PRIOR APPLICATION NUMBER: US 60/356,714
 ; PRIOR FILING DATE: 2002-02-13
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 1386
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 133
 ; LENGTH: 1314
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-295-027-133

Alignment Scores:
 Pred. No.: 0 Length: 1314
 Score: 2337.00 Matches: 434
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 99.79% Indels: 0
 DB: 44 Gaps: 0

US-10-803-530-2 (1-435) x US-10-295-027-133 (1-1314)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspVallyysProLeuArglyProArg 21
 Db 10 GATCTGACAGTATGACACCTCTGACAGCCTCGATGCAAAACCCCTGCGAAACCCCGT 69
 QY 22 TLeProMetGluThrPheArgLyValGlyTLeProIleIleIleAlaLeuLeuSerLeu 41
 Db 70 ATCCCCATGGAGACCTTCAGAAAGGTGGGAGATCCCATCATCATGACATGACCTGAGCTG 129
 QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleValIle 61
 Db 130 GCGAGTATCATGATGAGTGTGCTCATCAAGGATGATTCGAGAAATACTACTCTCTC 189
 QY 62 CysGlyGlnProLeuHisPheIleProArgLySerGlnLeuCysAspGlyGluLeuAspCys 81
 Db 190 TGGGGGAGAGCTCCCACTTCATCCCGAGAGAGAGCTGTGTGACGAGAGCTGAGTCTGT 249
 QY 82 ProLeuGlyGluAspGlyGluHisCysValLySerPheProGlyProAlaValAla 101
 Db 250 CCTTGGGGAG 309
 QY 102 ValArgLeuSerLyAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 Db 310 GTCCGCTCTCCAG 369
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 370 TTCTCTCCTGTTTCGACCACTTCACAGAGAGCTCCGCTGAGACAGCTGTGAGCAATG 429
 QY 142 GlyTyrSerSerLyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 430 GGGTACAG 489
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 Db 490 GTTGTGAATACAGAAACAG 549
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySerLeuSerLeuPro 201
 Db 550 CTCTCAAGCTCCCTGGGTCTCTGCTGCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 609
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 610 CGGT 669
 QY 222 TyrAspLySerGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
 Db 670 TAGGACAAAG 729

QY 242 AlaHisCysPheArgLySerHisThrAspValPheAsnTrpLyValAlaGlySerAsp 261
 Db 730 GCCACAGCTTCAGAGAAACATACGATGTGTTCAATCGAAGGTGGCGGAGGCTCAGAC 789
 QY 262 LyLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleIleGluPheAsnPro 281
 Db 790 AAATCGGAGAGCTTCATCCATCCCTGCTGTGTGCGCAAGATCATCATGTAATTCACACCC 849
 QY 282 MetTyrProLyAspAsnAspIleAlaLeuMetLyLeuGlnPheProLeuThrPheSer 301
 Db 850 ATGATCCCAAAACATGACATGACGCTCATGAAAGCTGACATGCCACTTCATCTCA 909
 QY 302 GlyThrValArgProIleCysLeuProPheAspGlnGluLeuThrProAlaThrPro 321
 Db 910 GGCACAGTACAGCCCATGTGTCTGCTCTTTTGAATGAGAGGCTCATCCAGCACCCCA 969
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLyGlnAsnGlyLyLyMetSerAspIleLeu 341
 Db 970 CTCTGATCATTTGGATGGGCTTTACGAGACAAATGGAGGAAATGTCTGACATACG 1029
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaIlyGln 361
 Db 1030 CTCAGGCGTCAGTTCAGGTCATTCAGACAGACAGGATGCAATTCAGACATGCTACAG 1089
 QY 362 GlyValValThrGluLyMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 Db 1090 GGGGAATCACCCAGAGAGATGATGTGTGAGGATCCCGAAGGGAGTGTGACACTGC 1149
 QY 382 GlnGlyAspSerGlyLyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
 Db 1150 CAGGTGACAGTGTGGGCCCCGATGTACATTCGACAGTGGCATGTGGGGCATC 1209
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLyValSer 421
 Db 1210 GTTAGCTGGGCTATGCTGTGGGGGCCCCGAGAGACCCAGAGGTATACACCAAGTCTCA 1269
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLyAlaGluLeu 435
 Db 1270 GCTATCTCACTGATCTACATGTCTGAAAGCTGAGACTG 1311

RESULT 11
 US-10-295-027-778
 ; Sequence 778, Application US/10295027
 ; GENERAL INFORMATION:
 ; APPLICANT: Afar, Daniel
 ; APPLICANT: Aziz, Natsaba
 ; APPLICANT: Ginsberg, Wendy M.
 ; APPLICANT: Gish, Kurt C.
 ; APPLICANT: Glynn, Richard
 ; APPLICANT: Hevezi, Peter A.
 ; APPLICANT: Mack, David H.
 ; APPLICANT: Murray, Richard
 ; APPLICANT: Watson, Susan R.
 ; APPLICANT: Bos Biotechnology, Inc.
 ; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
 ; FILE REFERENCE: 018501-012500US
 ; CURRENT APPLICATION NUMBER: US/10/295,027
 ; CURRENT FILING DATE: 2002-11-13
 ; PRIOR APPLICATION NUMBER: US 09/663,733
 ; PRIOR FILING DATE: 2000-09-15
 ; PRIOR APPLICATION NUMBER: US 60/350,666
 ; PRIOR FILING DATE: 2001-11-13
 ; PRIOR APPLICATION NUMBER: US 60/335,394
 ; PRIOR FILING DATE: 2001-11-15
 ; PRIOR APPLICATION NUMBER: US 60/332,464
 ; PRIOR FILING DATE: 2001-11-21
 ; PRIOR APPLICATION NUMBER: US 60/334,393
 ; PRIOR FILING DATE: 2001-11-29
 ; PRIOR APPLICATION NUMBER: US 60/340,376
 ; PRIOR FILING DATE: 2001-12-14
 ; PRIOR APPLICATION NUMBER: US 60/347,211
 ; PRIOR FILING DATE: 2002-01-08

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PRIOR APPLICATION NUMBER: US 60/347,349
PRIOR FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US 60/355,250
PRIOR FILING DATE: 2002-02-08
PRIOR APPLICATION NUMBER: US 60/356,714
PRIOR FILING DATE: 2002-02-13
Remaining Prior Application data removed - See File Wrapper or PAM.
NUMBER OF SEQ ID NOS: 1386
SOFTWARE: Patent Ver. 2.1
SEQ ID NO 778
LENGTH: 1314
TYPE: DNA
ORGANISM: Homo sapiens
US-10-295-027-778

Alignment Scores:
Pred. No.: 0          Length: 1314
Score: 2337.00       Matches: 434
Percent Similarity: 100.00%   Conservative: 0
Best Local Similarity: 100.00%   Mismatches: 0
Query Match: 99.79%          Indels: 0
DB: 44                  Gaps: 0

US-10-803-530-2 (1-435) x US-10-295-027-778 (1-1314)
QY 2 Aspproaasppseraspplnproleuanserleuaspvallyprouleuarglyprouarg 21
DB 10 GATCTGTGACAGTGAACCTCTGTGAACAGCCCTGATGTCMAACCCCTGGCAAAACCCGT 69
QY 22 Ilepprometglunthphearlyvayaliglylepproillelleleleuenserleu 41
DB 70 ATCCCAATGAGACCTTCAAGAAAGTGGGATCCCATCATATATGACACTACTGAGCCTTG 129
QY 42 Alaaserillellelelelelelelelelelelelelelelelelelelelelelelele 61
DB 130 GCGAGTATCATATATGTTGTTGTTCTCTCATCAAGATGATTCGGATTAATATCACTTCC 189
QY 62 CysglylnproleuhsiphelelepproarglysglnleuCyaspglyluleuaspCys 81
DB 190 TGCCGGGAGCCCTCTCCACTTCATCCCGAGAGAGCTGTGTGACGGAGAGCTGAGCTGT 249
QY 82 Proleuglylguaspplngluhlsicysvallysserpeprougllyproulavalala 101
DB 250 CCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 309
QY 102 Valargleuserlyaspparsserthleuglnvalleuaspseralathrglyasntip 121
DB 310 GTCCGCTCTCCAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 369
QY 122 Pheaserlalyasppasppasppasppasppasppasppasppasppasppasppaspp 141
DB 370 TTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 429
QY 142 Glytyrserserlyprouthphearlyvalalaglylproaspplnaspplnasp 161
DB 430 GCTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 489
QY 162 Valvalgluilethgluanserlgluileuargmetaraspasppasppasppaspp 181
DB 490 GTTGTGTAATCAAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 549
QY 182 LeuserglyserleuvalserleuhsicysleuvalaCyeglylysserleuysprou 201
DB 550 CTCTAGAGGCTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 609
QY 202 Argvalvaliglylgluileuaspserlyasppasppasppasppasppasppaspp 221
DB 610 CGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 669
QY 222 TyraasplysglnhlsvalCyeglylyserlileuasprouhlsitrypvalleuthrala 241
DB 670 TAGCAAAACAGACAGTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 729

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QY 242 AlaHisCysPheArgLysHleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 730 GCCACCTGCTTCAAGAAACATACCGATGCTGTCACTGAGAGTGGGGAGGCTCAAC 789
QY 262 LysLeuglySerPheProSerLeuAlaValAlaLysIleIleIleIleIleIleIleIle 281
DB 790 AAACGGGACAGCTTCCCATCCCTGGCTGTGGCCAAAGATCATCATCATTAATCAACCCC 849
QY 282 MetTyrrProlysaPaspAspIleAlaLeuMetLysLeuglnPheProLeuThrPheSer 301
DB 850 ATGTACCCCAAGCAATGACATGCTGCTCAATGAGAGCTGACATCCATCACTTCTCA 909
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
DB 910 GGCACAGTCAAGCCCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 969
QY 322 LeuTrpIleIleIleIleIleIleIleIleIleIleIleIleIleIleIleIleIleIle 341
DB 970 CTCTGATCATTTGATGAGGCTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1029
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThrGln 361
DB 1030 CTGACAGGCTCAGTCCAGTCAATGACAGCACAGGTCATATGACAGATGCTGACAG 1089
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProuGluGlyValAspThrCys 381
DB 1090 GGGAGAGTCAAGAGATATGTGTGACAGATCCGGAGAGGGGCTGTGACACCTGCTG 1149
QY 382 GlnGlyAspSerGlyGlyProuLeuMetTyrrGlnSerAspGlnTrpHisValAlaGlyIle 401
DB 1150 CAGGCTGACATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1209
QY 402 ValSerTrpGlyTyrrGlyCysGlyGlyProSerThrProuGlyValTyrrThylsValSer 421
DB 1210 GTTAGCTGGGGCTATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1269
QY 422 AlaTyrrLeuAsnTrpIleTyrrAsnValTrpLysAlaGluLeu 435
DB 1270 GCTATCTCAACTGATCTCAATGTCTGAAAGGCTTGAGCTG 1311

RESULT 12
US-10-295-027-790
Sequence 790, Application US/10295027
GENERAL INFORMATION:
APPLICANT: Afar, Daniel
APPLICANT: Aziz, Natasha
APPLICANT: Ginsberg, Wendy M.
APPLICANT: Gish, Kurt C.
APPLICANT: Glyne, Richard
APPLICANT: Hevez, Peter A.
APPLICANT: Mack, David H.
APPLICANT: Murray, Richard
APPLICANT: Watson, Susan R.
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
FILE REFERENCE: 018501-012500US
CURRENT APPLICATION NUMBER: US/10/295,027
PRIOR FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US 09/663,733
PRIOR FILING DATE: 2000-09-15
PRIOR APPLICATION NUMBER: US 60/350,666
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/335,394
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: US 60/332,464
PRIOR FILING DATE: 2001-11-21
PRIOR APPLICATION NUMBER: US 60/334,393
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: US 60/340,376
PRIOR FILING DATE: 2001-12-14
PRIOR APPLICATION NUMBER: US 60/347,211
PRIOR FILING DATE: 2002-01-08

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; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 790
; LENGTH: 1314
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-295-027-790

Alignment Scores:
Pred. No.: 0 Length: 1314
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: 44 Gaps: 0

US-10-803-530-2 (1-435) x US-10-295-027-790 (1-1314)
QY 2 AspProApsSerApsGlnProLeuApsSerLeuApsValLysProLeuApsGlyProArg 21
DB 10 GATCTGACACTGATCAACCTCTGAACAGCTTCATGTCMAACCCCTGGCGAACCCTCT 69
QY 22 LLeProMeGlnThrPheArgLysValGlyLLeProLLeLLeLLeLLeLLeLLeLLeLLe 41
DB 70 ATCCCCATGAGACCTTCAGAAAGTGGGAGATCCCATCATCATGACATGACCTG 129
QY 42 ALaSerLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLe 61
DB 130 GCGAGTATCATCATGTTGTTGTTCTCATCAAGGATTCGATTAATACTACTCTCTC 189
QY 62 CysGlyGlnProLeuApsPheLLeProArgLysGlnLeuApsGlyGlnLeuApsCys 81
DB 190 TGGCGGAGAGCTCTCCACTTCATCCCGAGAGAGAGCTGTGTACGAGAGCTGACTGT 249
QY 82 ProLeuGlyGlnApsGlnGlnLLeCysValLysSerPheProGlnGlyProAlaValAla 101
DB 250 CCCTTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 309
QY 102 ValArgLeuSerLysApsArgSerThrLLeGlnValLeuApsSerAlaThrGlyApsTrp 121
DB 310 GTCCGCTCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 369
QY 122 PheSerAlaCysPheApsApsPheThrGlnAlaLeuApsGlnThrAlaCysArgGlnMet 141
DB 370 TTCTCTGCTGTTTCGACAACTTCACAGAGCTCTCCCTGAGAGAGAGCTGTAGCAATG 429
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGlnLLeGlyProApsGlnApsLeuAps 161
DB 430 GGCTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 489
QY 162 ValValGlnLLeThrGlnApsSerGlnLLeuApsGlnApsApsApsSerSerGlyProCys 181
DB 490 GTGTGTAAATTCAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 549
QY 182 LeuSerGlySerLeuValSerLLeLLeCysLeuAlaCysGlyLysSerLLeuLysThrPro 201
DB 550 CTCTCAAGGCTCCCGTCTCTCCCTGACATGCTTCTCCCTGTGGAGAGAGAGAGAGAGAG 609
QY 202 ArgValValGlyGlyGlnGlnLLeSerValApsSerTrpProTrpGlnValSerLLeGln 221
DB 610 CGTGTGTGTGGTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 669
QY 222 TyrApsLysGlnLLeValCysGlyGlySerLLeuApsProLLeLLeLLeLLeLLeLLeLLe 241
DB 670 TACGACAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 729
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QY 242 ALAHeCysPheArgLysHisThrApsValPheApsTrpLysValArgAlaGlySerAps 261
DB 730 GCCACTGCTTCAGAGAAACATACGATGTTTCACTCGAAGGTGGGGAGGCTCAGAC 789
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysLLeLLeLLeLLeLLeLLeLLeLLe 281
DB 790 AAATGGGAGAGCTTCCATCCCTGGCTGGGCCAAGATCATCATTTGAATTCMAACCCC 849
QY 282 MetTyrProLysApsApsApsLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLe 301
DB 850 ATGTACCCCAAAACATGACATGACATGACATGACATGACATGACATGACATGACATGAC 909
QY 302 GlyThrValArgProLLeCysLeuProPheApsGlnLLeuThrProAlaThrPro 321
DB 910 GGACAGTCAAGGCCCATCTGTCTGCTCTCTTTGATGAGAGCTCATCCAGCACCCCA 969
QY 322 LeuTrpLLeLLeGlyTyrGlyPheThrLysGlnApsGlyLysMetSerApsLLeLLeu 341
DB 970 CTCTGATCATTTGATGAGGGGCTTTACAGAGACAGATGAGAGGAGATGTTGACATACG 1029
QY 342 LeuGlnAlaSerValGlnValLLeApsSerThrArgCysApsAlaApsApsAlaTyrGln 361
DB 1030 CTGAGGCTGCACTTCAGATTCAGATTCAGATTCAGATTCAGATTCAGATTCAGATTCAG 1089
QY 362 GlyLLeuValThrGlnLysMetMetCysAlaGlyLLeProGlnGlyLysValApsThrCys 381
DB 1090 GGGAGAGTACCCAGAGAGATGATGTGTGAGAGATCCCGAAGGGGTGTGAGACCTGG 1149
QY 382 GlnGlyApsSerGlyGlyProLeuMetTyrGlnSerApsGlnTrpHisValValGlyLLe 401
DB 1150 CAGGATGACATGTGTGGGCCCTGATGTACATCATGACAGATGAGATGAGATGAGATGAG 1209
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValLysThrLysValSer 421
DB 1210 GTTAGCTGGGGCTATGTGCTGGGGGCTCCGAGACCCAGAGATATACCAAGGTCTCA 1269
QY 422 ALATyrLeuApsTrpLLeTyrApsValTrpLysAlaGlnLeu 435
DB 1270 GCTATCTCAACTGATTCATCATGTCTGAGAGCTGAGCTG 1311

RESULT 13
; Sequence 830, Application US/10295027
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevizi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
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PRIOR APPLICATION NUMBER: US 60/347,349
PRIOR FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US 60/355,250
PRIOR FILING DATE: 2002-02-08
PRIOR APPLICATION NUMBER: US 60/356,714
PRIOR FILING DATE: 2002-02-13
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1386
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO: 830
LENGTH: 1314
TYPE: DNA
ORGANISM: Homo sapiens
US-10-295-027-830

Alignment Scores:
Pred. No.: 0 Length: 1314
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Mismatches: 0
Best Local Similarity: 100.00% Indels: 0
Query Match: 99.79% Gaps: 0
DB: 44

US-10-803-530-2 (1-435) x US-10-295-027-830 (1-1314)

QY 2 Aapproaspseraspglinproleuanserleuaspvallyproleuarglyserproarg 21
DB 10 GATCCTGACAGTATCAACCTCTGAAACAGCCCTGATGTCMAACCCCTCGCAACCCCGT 69
QY 22 Ilepromctgluthphearglyvalglyileproillellelealeuenserleu 41
DB 70 ATCCCAAGAGACCTTCAGAAAGGAGGATCCCAATCATATATGACACTACTAGCTG 129
QY 42 AAserillellelelevalvalleulleysvalilleuaspleslytyrphelenu 61
DB 130 GCGATATCATATGTTGTTGTTCTCTCATCAAGATGATTCGATTAATACTACTCTC 189
QY 62 Cysglylinproleuanserleuaspvallyserprogluglyproalavalala 81
DB 190 TGCGGGCAGCCTCTCCACTTCATCCCGAAGAGCAGCTGTGTGACGAGAGCTGACTGT 249
QY 82 Proleuglyluaspglugluhiacysvallyserprogluglyproalavalala 101
DB 250 CCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 309
QY 102 ValargleuSerlyaspsergserthleuglnvalleuaspseralathrglyasntpr 121
DB 310 GTCCGCTCTTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 369
QY 122 PheSerAlaCysPheaspsergserthleuglnvalleuaspseralathrglyasntpr 141
DB 370 TTCTGCTGCTGTTTGAACAACCTTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 429
QY 142 GlytyrserSerlyprothrpheargalaValGluileglyproaspserleuasp 161
DB 430 GGCATCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 489
QY 162 ValvalGluileThrGluaspserglnleuargmetArgaspserSerlyproCys 181
DB 490 GTTGTGTAATCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 549
QY 182 LeuSerGlySerleuValSerleuHisCysLeuAlaCysGlyLysSerleuYthrPro 201
DB 550 CTCTCAGGCTCCCTGCTCTCCCTGCACTGCTTGGAGAGAGAGAGAGAGAGAGAGAG 609
QY 202 ArgvalValGlyGluGluaspserValaspserTprProtrpGlnValSerilegln 221
DB 610 CGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 669
QY 222 TyrAspLysGlnHisValCysGlyGlySerleuaspserProHisTprValleuthrala 241
DB 670 TACGACAAACAGACCTCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 729

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QY 242 AlaHisCysPhearglyshisethrAspValPheAsnTprlyValAlaGluGlySerAsp 261
DB 730 GCCCACTGCTTCAAGAAACATACGATGTGTTCAACCTGAAAGGCGGAGAGCTTGAC 789
QY 262 LysleuGlySerPheProSerleuAlaValAlaLyslellellellellellellelle 281
DB 790 AAATGGGAGCTTCCATCTCGGCTGTGGCGCAAGATCATCATATTGAATTCACCCC 849
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysleuGlnPheProleuThrPheSer 301
DB 850 ATGTACCCCAAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 909
QY 302 GlyThrValArgProIleCysLeuProPheAspGlnleuThrProAlaThrPro 321
DB 910 GGCACATGAGGCCCATCTGCTGCTCTTCTTATGAGAGAGCTCATCCAGCACCCCA 969
QY 322 LeuTprIlellellellellellellellellellellellellellellellellelle 341
DB 970 CTCTGATCATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1029
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1030 CTGAGAGGCTACAGTCAAGTCAATGACACACAGGTCATGACAGATGCTACAG 1089
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
DB 1090 GGGAGATGACCGAAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1149
QY 382 GlnGlyAspSerGlyGlyProleuMetTyrGlnSerAspGlnTprHisValAlaGlyIle 401
DB 1150 CAGGTGACAGTGTGGGCTTATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1209
QY 402 ValserTprGlyTyrGlyCysGlyGlyProserThrProGluValTyrThrValSer 421
DB 1210 GTTAGCTGGGCTATGCTGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 435
QY 422 AlaTyrLeuAsnTprIleTyrAsnValTprLysAlaGluLeu 435
DB 1270 GCCTATCTCACTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1311

RESULT 14
US-10-295-027-979
Sequence 979, Application US/10295027
GENERAL INFORMATION:
APPLICANT: Afari, Daniel
APPLICANT: Aziz, Natasha
APPLICANT: Ginsberg, Wendy M.
APPLICANT: Gish, Kurt C.
APPLICANT: Glynn, Richard
APPLICANT: Hevez, Peter A.
APPLICANT: Mack, David H.
APPLICANT: Murray, Richard
APPLICANT: Watson, Susan R.
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of diagnosis for Cancer, Compositions and
TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
FILE REFERENCE: 018501-012500US
CURRENT APPLICATION NUMBER: US/10/295,027
PRIOR FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US 09/663,733
PRIOR FILING DATE: 2000-09-15
PRIOR APPLICATION NUMBER: US 60/350,666
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/335,394
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: US 60/332,464
PRIOR FILING DATE: 2001-11-21
PRIOR APPLICATION NUMBER: US 60/334,393
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: US 60/340,376
PRIOR FILING DATE: 2001-12-14
PRIOR APPLICATION NUMBER: US 60/347,211
PRIOR FILING DATE: 2002-01-08

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PRIOR APPLICATION NUMBER: US 60/347,349
 PRIOR FILING DATE: 2002-01-10
 PRIOR APPLICATION NUMBER: US 60/355,250
 PRIOR FILING DATE: 2002-02-08
 PRIOR APPLICATION NUMBER: US 60/356,714
 PRIOR FILING DATE: 2002-02-13
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 1386
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 979
 LENGTH: 1314
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-295-027-979

Alignment Scores:

Pred. No.:	Length:	Matches:	Conservative:	Mismatches:	Indels:	Gaps:
Score: 2337.00	1314	434	0	0	0	0
Percent Similarity: 100.00%						
Best Local Similarity: 100.00%						
Query Match: 99.79%						

US-10-803-530-2 (1-435) x US-10-295-027-979 (1-1314)

QY 2 AspProAspSerAspGlnProLeuAnSerLeuAspVallyProLeuArgProArg 21
 Db 10 GATCTGACAGTATCAACCTCTGAAACAGCTTCGATGCAAAACCCCTGGCAAAACCCCGT 69
 QY 22 ILeProMetGlnThrPheArgIyValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 Db 70 ATCCCAAGAGACCTTCAGAAAGTGGGAGTCCCATCATCATAGACATCTAGAGCTG 129
 QY 42 AlaserIleIleIleValIleValIleValIleValIleValIleValIleValIleVal 61
 Db 130 GCGAGTATCATATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 189
 QY 62 CysGlyGlnProLeuHisPheIleProArgIyGlnLeuCysAspGlyGlnLeuAspCys 81
 Db 190 TGGGGGAGGCTCTCCACTTCATCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 249
 QY 82 ProLeuGlyGlnAspGlnGlnHisCysValIySerPheProGlnGlyProAlaValAla 101
 Db 250 CCTTGGGGAG 309
 QY 102 ValArgLeuSerIyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db 310 GTCCGCTCTCCAAAGAGACCATTCAGAGCTGTGAGATGGCCAGACAGAGAGAGAGAGAG 369
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 Db 370 TTCTCTGCTGTTCCAGCAACTTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 429
 QY 142 GlyTyrSerSerIyProThrPheArgAlaValIleGlyProAspGlnAspLeuAsp 161
 Db 430 GGCTACAGAGCAAAACCATTTTCAGAGCTGTGAGATGGCCAGACAGAGAGAGAGAGAGAG 489
 QY 162 ValValGlnIleThrGlnAsnSerGlnIleuLeuArgMetArgAnSerSerGlyProCys 181
 Db 490 GTTGTTAAATCAAGAAACAG 549
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIySerSerLeuIyThrPro 201
 Db 550 CTCACAGGCTCCCTGCTCTCCCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 609
 QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 610 CGT 669
 QY 222 TyrAspIySerGlnHisValIyGlyIySerIleuAspProHisTrpValIleuThrAla 241
 Db 670 TACGACAAACAG 729

QY 242 AlaHisCysPheArgIyHisIleThrAspValPheAsnTrpIyValArgAlaGlySerAsp 261
 Db 730 GCCACAGCTTCAGAGAAACATACGATGTTCAACTGAAAGGTGGGGAGGCTCAGAC 789
 QY 262 IyLeuGlySerPheProSerLeuAlaValAlaIyIleIleIleIleGlnPheAsnPro 281
 Db 790 AAATGGGAGAGCTTCCATCCCTGGCTGTGGCCAAAGATATCATTTGATTTCAACCC 849
 QY 282 MetTyrProIyAspAsnAspIleAlaLeuMetIyLeuGlnIlePheProLeuThrPheSer 301
 Db 850 ATGTACCCCAAAACATGACATGACATGACATGACATGACATGACATGACATGACATGACAT 909
 QY 302 GlyThrValArgProIleCysLeuProPheAspGlnGlnLeuThrProAlaThrPro 321
 Db 910 GGACAGATCAGGCGCATCTGCT 969
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIyGlnAsnGlyIyIyMetSerAspIleLeu 341
 Db 970 CTCGTGATCATTTGGATGGGCTTTTACAGAGCAAGATGAGAGAGAGATGTCTGACATACG 1029
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaIyGln 361
 Db 1030 CTCAGGCGGTCAATTCAGATTCAGACAGACAGGTCGATTCAGACAGATTCAGATTCAG 1089
 QY 362 GlyIleValThrGlnIyMetMetCysAlaGlyIleProGlnGlyIyValAspThrCys 381
 Db 1090 GGGAGAGTACCCAGAGAGATGATGTGTGAGAGATCCCGAGAGAGAGATGTGTGAGAGAT 1149
 QY 382 GlnIyAspSerGlyIyProLeuMetIyGlnSerAspGlnTrpHisValValGlyIle 401
 Db 1150 CAGGAGTACAGTGTGGGCGGCTGTACATTCGATTCGACAGAGATGTGTGTGTGTGTGTGT 1209
 QY 402 ValSerTrpGlyIyTrpGlyCysGlyIyProSerThrProGlyValIyThrIyValSer 421
 Db 1210 GTTACGTGGGCTATGT 1269
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValIyTrpValGlnIleu 435
 Db 1270 GCTTATCTCACTGATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCAT 1311

RESULT 15

US-60-625-561-448

Sequence 448, Application US/60625561

GENERAL INFORMATION:

APPLICANT: MCCAPREY, Ian

TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES

TITLE OF INVENTION: THEREOF

FILE REFERENCE: C1001557

CURRENT APPLICATION NUMBER: US/60/625,561

CURRENT FILING DATE: 2004-11-08

NUMBER OF SEQ ID NOS: 586

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 448

LENGTH: 2079

TYPE: DNA

ORGANISM: Homo sapiens

US-60-625-561-448

Alignment Scores:

Pred. No.:	Length:	Matches:	Conservative:	Mismatches:	Indels:	Gaps:
Score: 2337.00	2079	434	0	0	0	0
Percent Similarity: 100.00%						
Best Local Similarity: 100.00%						
Query Match: 99.79%						

US-10-803-530-2 (1-435) x US-60-625-561-448 (1-2079)

QY 2 AspProAspSerAspGlnProLeuAnSerLeuAspVallyProLeuArgProArg 21
 Db 217 GATCTGACAGTATCAACCTCTGAAACAGCTTCGATGCAAAACCCCTGGCAAAACCCCGT 276

QY 22 IIPrometGluThrPheArgLyseValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 DB 277 ATCCCATGGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATCTAGAGCTG 336
 QY 42 AlaserIleIleIleValIleuIleIleValIleuAspLeuTyrrPheLeu 61
 DB 337 GCGAGTATCATCTGTGTGTCTCATCAAGGATCTTGATTAATTAATCTACTCTCTC 396
 QY 62 CysGlyIleProLeuHisPheIleProArgLyseGluLeuCysAspGlyIleLeuAspCys 81
 DB 397 TGGCGGAGCCTCTCCACTTCATCCGAGAGAGAGCTGTGTGAGAGAGAGAGCTGAGCTG 456
 QY 82 ProLeuGlyIleAspGlyIleGluHisCysValIlyserPheProGlyIleProAlaValAla 101
 DB 457 CCTTGGGGAG 516
 QY 102 ValArgLeuSerLyseAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 DB 517 GTCCGCTCTCCAG 576
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB 577 TTCTGTGCTGTTCGACAACTTCACAGAGAGCTGTGCTGAGAGAGAGCTGTAGAGAGAG 636
 QY 142 GlyTyrSerSerLyseProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB 637 GAGTACAG 696
 QY 162 ValValGluIleThrGluAsnSerGlnIleuAspMetArgAsnSerSerGlyProCys 181
 DB 697 GTTGTGAAATCAGAAAG 756
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLyseSerLeuTyrrPro 201
 DB 757 CTCTGAGCTCCCTGTCTCTCCCTGCACTGTCTTGTGAGAGAGAGAGAGAGAGAGAGAGAG 816
 QY 202 ArgValValGlyIleGluAlaSerValAspSerTrpProGlnValSerIleGln 221
 DB 817 CGTGTGTGGGGAG 876
 QY 222 TyrAspLyseGlnHisValCysGlyIleSerIleLeuAspProHisTrpValIleuThrAla 241
 DB 877 TACGACAAAG 936
 QY 242 AlaHisCysPheArgLyseHisThrAspValPheAsnTrpLyseValArgAlaGlySerAsp 261
 DB 937 GCCCATCTCTCAG 996
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGluPheAsnPro 281
 DB 997 AAACGTGGGAGCTCCATCCCTGCTGTGGCCAAAGATCATCATGTAATTCACACCCC 1056
 QY 282 MetTyrProLyseAspAsnAspIleAlaLeuMetLyseGlnPheProLeuThrPheSer 301
 DB 1057 ATGTACCCCAAG 1116
 QY 302 GlyThrValArgProIleCysLeuProPheAspGlyIleuLeuThrProAlaThrPro 321
 DB 1117 GGCACAGTACAGCCATCTGTCTGCCCTTTGATGAGAGAGAGAGAGAGAGAGAGAGAGAG 1176
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrLyseGlnAsnGlyIleLyseMetSerAspIleLeu 341
 DB 1177 CTCTGATCATCTGTGATGGGGCTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1236
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1237 CTGCGAGGCTCAGTCCAGTCTATTCACACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1296
 QY 362 GlyIleValIleThrGluLyseMetCysAlaGlyIleProGlyIleGlyValAlaAspThrCys 381
 DB 1297 GGGAGAGTACAG 1356
 QY 382 GlnGlyAspSerGlyIleProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401

DB 1357 CAGGGTACAGTGTGGGCCCTGATGTACCAATCTACAGAGTGGATGTGGGATC 1416
 QY 402 ValSerTrpGlyTyrGlyCysGlyIleProSerThrProGlyValTyrThrLyseValSer 421
 DB 1417 GTTAGTGGGGCTATGTGCTGTGGGGGCCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1476
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLyseAlaGluLeu 435
 DB 1477 GCCATCTCAACTGTGATCTCAATGTCTGAGAGAGCTGAGCTG 1518
 RESULT 16
 PCT-US04-21227-1
 ; Sequence 1, Application PC/TUS0421227
 ; GENERAL INFORMATION:
 ; APPLICANT: diadexus, Inc.
 ; APPLICANT: Vartanian, Steffan
 ; APPLICANT: Macina, Roberto
 ; TITLE OF INVENTION: Compositions, Splice Variants and Methods Relating to Ovarian Spe
 ; TITLE OF INVENTION: Genes
 ; FILE REFERENCE: DEX-0500
 ; CURRENT APPLICATION NUMBER: PCT/US04/21227
 ; CURRENT FILING DATE: 2004-07-09
 ; PRIOR APPLICATION NUMBER: US 60/484,440
 ; PRIOR FILING DATE: 2003-06-30
 ; PRIOR APPLICATION NUMBER: US 60/484,500
 ; PRIOR FILING DATE: 2003-06-30
 ; NUMBER OF SEQ ID NOS: 23
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 1
 ; LENGTH: 2104
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 PCT-US04-21227-1
 Alignment Scores:
 Pred. No.: 0 Length: 2104
 Score: 2337.00 Matches: 434
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 99.79% Indels: 0
 DB: 3 Gaps: 0
 US-10-803-530-2 (1-435) x PCT-US04-21227-1 (1-2104)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLyseProLeuArgLyseArg 21
 DB 242 GATCTGACAGTGAATCAACTCTGAAACAGCTCGATGTCAAAACCCCTGCGAAACCCGCT 301
 QY 22 IIPrometGluThrPheArgLyseValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 DB 302 ATCCCAAG 361
 QY 42 AlaserIleIleIleValIleuIleIleValIleuAspLeuTyrrPheLeu 61
 DB 362 GCGAGTATCATCTGTGTGTCTCATCAAGGATCTTGATTAATTAATCTACTCTCTC 421
 QY 62 CysGlyIleProLeuHisPheIleProArgLyseGluLeuCysAspGlyIleLeuAspCys 81
 DB 422 TGGCGGAGCCTCTCCACTTCATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 481
 QY 82 ProLeuGlyIleAspGlyIleGluHisCysValIlyserPheProGlyIleProAlaValAla 101
 DB 482 CCTTGGGGAG 541
 QY 102 ValArgLeuSerLyseAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 DB 542 GTCCGCTCTCCAG 601
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB 602 TTCTGTGCTGTTCGACAACTTCACAGAGAGCTGTGCTGAGAGAGAGCTGTAGAGAGAGAG 661

QY 142 G1YtYrSerSerlySProThrPheArGAlaValGluileGlyProAspGlnAspLeuAsp 161
Db 662 GGGTACAGAGCAAAACCACTTTCAGAGCTGTGGAGATGGCCAGACCAAGATCTGAT 721
QY 162 ValValGluileThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 722 GTTGTGAATTCACAGAAACAGCCAGAGAGCTTGAGATCGGAACTCAAGTGGCCCTGT 781
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySerLeuLyThrPro 201
Db 782 CTCTCAGGCTCCCTGCTCTCCCTCAGCTGTCTGCTGAGAGAGCTGAAAGAGCCCCC 841
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerThrProTyrGlnValSerGln 221
Db 842 CGTGTGGTGGTGGAGAGAGAGAGCTGTGGATTTCTGGCTTGGAGTGAAGATCCAG 901
QY 222 TyrAspLySerGlnHisValCysGlyGlySerLLeuAspProHisThrValLeuThrAla 241
Db 902 TAGCAAAACAGCAAGTCTGTGGAGGAGCATCCCGAACCCCACTGGGTCTCAGCGCA 961
QY 242 AlaHisCysPheArglyHisLeuThrAspValPheAsnThrPlyValArgAlaGlySerAsp 261
Db 962 GCCCAGCTTCAGAGAAACATACGATGTGTCAACAGGAGGTGCGGCGAGGCTCAGAC 1021
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 1022 AAATGGGGAGCTTCCATCCCTGCTGGCCAGATCATCATTTGAATTCACCC 1081
QY 282 MetTyrProLyAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1082 ATGTACCCCAAGCAATGATGATGCCCTCATGAGGTCAGTTCACATCTTCTCA 1141
QY 302 G1YtYrValArgProIleCysLeuProPhePheArgGluLeuThrProAlaThrPro 321
Db 1142 GGCACAGCAGGCCCATCTGTCTGCTCTTCTTATAGAGGCTCAGCTCAGCCACCCCA 1201
QY 322 LeuThrIleIleGlyTyrGlyPheThrLysGlnAsnGlyLyMetSerAspIleLeu 341
Db 1202 CTCTGAGATCATTTGATGGGGCTTTACAGACAGATGAGGAAAGATCTCGACATCTG 1261
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspIleTyrGln 361
Db 1262 CTGACAGCGTACAGTCCAGGTCAATGACAGCACAGGTGCATGACAGATGCTTACAG 1321
QY 362 G1YtYrValThrGlyLysMetMetCysAlaGlyIleProGlyGlyGlyValAspThrCys 381
Db 1322 GGGGAGAGCACCAGAAAGATATGTGTGACAGGCATCCCGAAAGGGGGGTGAGACCTGC 1381
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValIleGly 401
Db 1382 CAGGGTACAGTGTGGGGCCCTCATGTACCAATCTGACAGTGGCATGTGTGGGATC 1441
QY 402 ValSerThrGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrHisValSer 421
Db 1442 GTTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 1501
QY 422 AlaTyrLeuAsnThrPlyThrAsnValTyrPlyValGluLeu 435
Db 1502 GCTTATCTCACTGAGATCTACAAATGTCTGGAAGGCTGAGCTG 1543

APPLICANT: Zhang, Zemin
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
FILE REFERENCE: 9503791-PCT
CURRENT APPLICATION NUMBER: PCT/US04/38689
PRIOR FILING DATE: 2004-11-17
PRIOR APPLICATION NUMBER: US 60/523,856
NUMBER OF SEQ ID NOS: 10
SEQ ID NO 2
LENGTH: 2104
TYPE: DNA
ORGANISM: Homo sapiens
PCT-US04-38689-2
Alignment Scores:
Pred. No.: 0 Length: 2104
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: Gaps: 0
US-10-803-530-2 (1-435) x PCT-US04-38689-2 (1-2104)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlySProLeuArgLySProArg 21
Db 242 GATCTGACAGTATCACTCTGAAACAGCTGATCAAAACCTCGGCAAAACCCCT 301
QY 22 IleProMetGluThrPheArgLySValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 302 ATCCCATGAGAGACTTTCAGAAAGGTGGGATCCCATCATCATACACTACAGACCTG 361
QY 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLySThrTyrPheLeu 61
Db 362 GCGAGTATCATCATGTGTGTCTTCATCAAGTAAATCTGATTAATATCATCTTCTC 421
QY 62 CysGlyGlnProLeuHisPheIleProArgLySValIleCysAspGlyGluLeuAspCys 81
Db 422 TGGGGAGAGCTTCTCATCTTCCATCCGAGAGACAGCTGTGTACCGAGAGCTGATGT 481
QY 82 ProLeuGlyGluAspGluGluHisCysValIleSerPheProGluGlyProAlaValAla 101
Db 482 CCTTGGGGAGAGACAGAGAGCACTGTGTCAAAAGCTTCCCAAGGGGCTGAGTGGCA 541
QY 102 ValArgLeuSerLysAspAspSerThrLeuGlnValLeuAspSerAlaThrGlyAsnThr 121
Db 542 GTCCGCTCTCCAAAGACCATCACTGCAAGTGTGAGCTGTGACACAGGAACTGG 601
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 602 TTCTGTGCTCTTTCAGCAACTTCACAGAAAGCTCTGCTGAGACACAGCTGTAGCAGATG 661
QY 142 G1YtYrSerSerlySProThrPheArgAlaValGluileGlyProAspGlnAspLeuAsp 161
Db 662 GGGTACAGAGCAAAACCACTTTCAGAGCTGTGGAGATGGCCAGACCAAGATCTGAT 721
QY 162 ValValGluileThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 722 GTTGTGAATTCACAGAAACAGCCAGAGAGCTTGAGATCGGAACTCAAGTGGCCCTGT 781
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySerLeuLyThrPro 201
Db 782 CTCTCAGGCTCCCTGCTCTCCCTCAGCTGTCTGCTGAGAGAGCTGAAAGAGCCCCC 841
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerThrProTyrGlnValSerGln 221
Db 842 CGTGTGGTGGTGGAGAGAGAGAGCTGTGGATTTCTGGCTTGGAGTGAAGATCCAG 901
QY 222 TyrAspLySerGlnHisValCysGlyGlySerLLeuAspProHisThrValLeuThrAla 241
Db 902 TAGCAAAACAGCAAGTCTGTGGAGGAGAGCATCTGAGACCCCACTGGGTCTCAGCGCA 961

Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 962 GCCACATGCTTCAGAGAAACATACCGATGTGTCAACTGGAAGGTGGCGAGGCTCAC 1021
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 1022 AACCTGGGAGCTTCCATCCCTGCTGTGGCCAAGATCATCATCATTAATTCACCC 1081
Qy 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1082 ATGACCCCAAGCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1141
Qy 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1142 GGCACAGTCAGGCCCATCTGTGCTCTTGTGATGAGAGCTTCACTCCAGCCCA 1201
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
Db 1202 CTCTGATCATTTGATGGGCTTTACAGAACGATGAGGAGATGATGATGATGATGATGAT 1261
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1262 CTGACAGGCTACAGTCAGGTGATGACAGCACAGGTGCAATGACAGATGCGTACAG 1321
Qy 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
Db 1322 GGGGAGTCACCGAAGAAATATGTGTGACAGCATCCCGAAGGGGAGTGTGACACTG 1381
Qy 382 GlnGlyAspSerGlyGlyProLeuMetLysGlnSerAspGlnTrpHisValValGlyIle 401
Db 1382 CAGGTCAGCATGTGTGGGCTCTGATGATGATGATGATGATGATGATGATGATGATGAT 1441
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1442 GTTAGCTGGGGCTATGCTGCGGGGGCCGAGCACCCGAGAGTATACCAAGGTCTTCA 1501
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1502 GCCTATCTCACTGATCTACAAATGTCTGAAAGGCTGAGCTG 1543

RESULT 18
US-10-956-157-2292
Sequence 2292, Application US/10956157
GENERAL INFORMATION:
APPLICANT: Wyeth
TITLE OF INVENTION: Mounts, William
TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
FILE REFERENCE: 031896-043000 (AM 101081)
CURRENT FILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 319805
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2292
LENGTH: 2104
TYPE: DNA
ORGANISM: Homo sapiens
US-10-956-157-2292

Alignment Scores:
Pred. No.: 0 Length: 2104
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: 64 Gaps: 0

US-10-803-530-2 (1-435) x US-10-956-157-2292 (1-2104)

Qy 2 AppProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 242 GATCTGACAGTCACTCACTCTGAAACGCTCGATGTCAAAACCCCTGGCGAAACCCGCT 301

Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 302 ATCCCATGAGACCTTCAGAAAGTGGAGATCCCATCATCATACAGCACTACTAGGCTCG 361
Qy 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
Db 362 GCGAGTATCATCATTTGGTGTGCTCATCAAGGTGATTCGGAATTAATCTACTCTC 421
Qy 62 CysGlyLysProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 422 TGGGGAGGCTCTTCCATCTTCATCCAGAGAGAGCTGTGTGACGAGAGCTGACTGT 481
Qy 82 ProLeuGlyLysAspGluGlnHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 482 CCTTGGGGAGAGACGAGAGACATGTGTCAAGAGCTTCCCGAAGGGCTCGAGTGGCA 541
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 542 GTCCGCTCTCCAAAGACCCATCCACATGACAGGTGTGACCTGGGCCACAGGAACTGG 601
Qy 122 PheSerLysCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 602 TTCTGTCTGTGTGACAACTTCAAGAACTTCTGTGAGACAGCTGTGAGCAATG 661
Qy 662 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 662 GCTACAGACGACAAACCATTTACAGAGCTGTGAGATGGCCACAGATCTGGAT 721
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 722 GTTGTGAATCACAGAAACACAGCAGAGCTTGCATGCGCAATCAAGTGGGCTCCGT 781
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuThrPro 201
Db 782 CTCTCAGGCTCCCTGCTCTCTCCTGACATGCTTCTGTGGAGAGCTGAAAGCTAAAGACCCC 841
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 842 CGTGTGGGTGGGAGAGAGGCTCTGTGATCTTGTGGCTTGGAGGTGAGATCCAG 901
Qy 222 TyrAspLysGlnHisValCysGlyLysIleLeuAspProHisTrpValLeuThrAla 241
Db 902 TACGACAAACAGCAGTCTGTGAGAGGAGCATCTCGACCCCACTGGGTCTCTCACGCA 961
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 962 GCCACATGCTTCAGAGAAACATACCGATGTGTCAACTGGAAGGTGGCGAGGCTCAC 1021
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 1022 AACCTGGGAGCTTCCATCCCTGCTGTGGCCAAGATCATCATTAATTCACCC 1081
Qy 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1082 ATGACCCCAAGCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1141
Qy 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1142 GGCACAGTCAGGCCCATCTGTGCTCTTGTGATGAGAGCTTCACTCCAGCCCA 1201
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
Db 1202 CTCTGATCATTTGATGGGCTTTACAGAACGATGAGGAGATGATGATGATGATGATGAT 1261
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1262 CTGACAGGCTACAGTCAGGTGATGACAGCACAGGTGCAATGACAGATGCGTACAG 1321
Qy 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
Db 1322 GGGGAGTCACCGAAGAAATATGTGTGACAGCATCCCGAAGGGGAGTGTGACACTG 1381
Qy 382 GlnGlyAspSerGlyGlyProLeuMetLysGlnSerAspGlnTrpHisValValGlyIle 401

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Db      1382 CAGGGTACAGTGTGGCCCTGATGACCAATGACCAAGTGGCATGTGGGATC 1441
Qy      402 ValSerTrpGlyTyrglyCyseGlyGlyProSerThrProGlyValTyThrIysValSer 421
Db      1442 GTTAGCTGGGGCTATGGCTGGGGGGCCGAGCACCCAGAGATATACCAAGTCTCA 1501
Qy      422 AlaTyrlleuAnThrIleTyraenValTrpIysAlaGluLeu 435
Db      1502 GCCATCTCAACTGATCTACAAATGCTCGAAGGCTGAGCTG 1543

RESULT 19
US-10-991-287-2
; Sequence 2, Application US/10991287
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Polakis, Paul
; APPLICANT: Smith, Victoria
; APPLICANT: Wood, William I.
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P503781-US
; CURRENT APPLICATION NUMBER: US/10/991,287
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: US 60/523,856
; PRIOR FILING DATE: 2003-11-20
; NUMBER OF SEQ ID NOS: 10
; SEQ ID NO 2
; LENGTH: 2104
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-991-287-2

Alignment Scores:
Pred. No.: 0 Length: 2104
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: Gaps: 0

US-10-803-530-2 (1-435) x US-10-991-287-2 (1-2104)
Qy      2 AspProAspSerAspGlnProLeuAnSerLeuAspValIysProLeuArGlyProArg 21
Db      242 GATCTGACAGTGATCAACCTGTAACAGCTCGATGCAAAACCCCTGGCAAAACCCGCT 301
Qy      22 IleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db      302 ATCCCCATGGAGACCTTCAGAAAGTGGGGATCCCCATCATATAGCACTACTAGGCTG 361
Qy      42 AlSerIleIleIleValIleValIleValIleValIleValIleValIleValIleValIle 61
Db      362 GCGGATACATCATGTGGTGTGCTCATCAAGGATTCGATTAATACTACTCTCTC 421
Qy      62 CysGlyGlnProLeuAnSerPheIleProArgIysGlnLeuCyAspGlyGluLeuAspCys 81
Db      422 TGGCGGAGAGCTCTCCACTTATCCGAGAAAGAGCTGTGTGACGAGAGACTGACTGT 481
Qy      82 ProLeuGlyIuAspGlyGluIleIleCyseValIysSerPheProGlyGlyProAlaValAla 101
Db      482 CCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 541
Qy      102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db      542 GTTCGCTCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 601
Qy      122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluTrpAlaCysArgGlnMet 141
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Db      602 TTCTCTGCTGTTCGACAACTTCAAGAGAGCTCTCGCTGAGACAGCGCTGTAGGAGATG 661
Qy      142 GlyTrsSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db      662 GGCTACAGAGAGAAACCACTTTCAGAGCTGTGAGATTTGGCCAGACAGAGATCTGGAT 721
Qy      162 ValValGluIleThrGluAnSerGlnIleLeuArgMetArgAnSerSerGlyProCys 181
Db      722 GTTGTGAATATCAAGAAACAGACAGAGCTTCGATGCGGAATCAATCAATGGGCCCTGT 781
Qy      182 LeuSerGlySerLeuValSerLeuIleCyseLeuAlaCysGlyIysSerLeuIleThrPro 201
Db      782 CTCTCAGGCTCCCTGGCTCTCCCTGCACTGTGCTGTGGGAGAGAGCCGGAAGACCCCC 841
Qy      202 ArgValValGlyGlyGluGluIleAspValAspSerTrpProTrpGlnValSerIleGln 221
Db      842 CGTGTGGTGGGTGGGAGAGAGGCTCTGTGATTTCTTGACCTTGGCAGGTTCAGATTCAG 901
Qy      222 TyrAspIysGlnIleValCysGlyGlySerIleLeuAspProIleTrpValLeuThrAla 241
Db      902 TACGACAAACAGACAGCTCTGTGAGAGGAGCATCTGGACCCCACTGGGTCTCAGCGCA 961
Qy      242 AlaIleCysePheArgIysIleThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
Db      962 GCCCACTGCTTCAGAGAAACATACCGATGTGTCAACTGGAAGGTGCGGAGGCTCAGAC 1021
Qy      262 IysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleIleIleIleIleIle 281
Db      1022 AAACCTGGGAGCTTCCATCTCGGCTGTGGCTGAGCAAGATCATCATTTGATTTCAACCCC 1081
Qy      282 MetTrpProIysAspAsnAspIleAlaLeuMetIysLeuGlnIlePheProLeuThrPheSer 301
Db      1082 ATGTACCCCAAGACATGACATGCGCCCTCATAGAGTGCAGTTCCACATCACTTCTCA 1141
Qy      302 GlyThrValArgProIleCyseLeuProPhePheAspGluLeuThrProAlaThrPro 321
Db      1142 GGCACAGTCAGGCCCATCTGCTGCTCCCTTTGATGAGAGAGCTCATCTCAGCCACCCA 1201
Qy      322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyGlyIysMetSerAspIleLeu 341
Db      1202 CTCTGGATCATGTGATGGGCTTTTACAGACAGAAITGGAGAGAGATGTCTGACATCTG 1261
Qy      342 LeuGlnIleSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrgln 361
Db      1262 CTGACGGCTCAAGTCCAGTCATTTGACAGCACACGGTGCAATGCAGACGATGCTACAG 1321
Qy      362 GlyGluValThrGlyIysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db      1322 GGGGAGTCAACGAGAGAGATGTGTGACAGGATCCCGAAGGGGGTGTGGACACTGC 1381
Qy      382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValIleGlyIle 401
Db      1382 CAGGGTACAGTGTGGGCCCTGATGTACCAATTCACAGATGTGGATGTGGTGGGATC 1441
Qy      402 ValSerTrpGlyTyrglyCyseGlyGlyProSerThrProGlyValTyThrIysValSer 421
Db      1442 GTTAGCTGGGGCTATGGCTGGGGGGCCGAGCACCCAGAGATATACCAAGTCTCA 1501
Qy      422 AlaTyrlleuAnThrIleTyraenValTrpIysAlaGluLeu 435
Db      1502 GCCATCTCAACTGATCTACAAATGCTCGAAGGCTGAGCTG 1543

RESULT 20
US-10-994-117-2
; Sequence 2, Application US/10994117
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Polakis, Paul
; APPLICANT: Smith, Victoria
; APPLICANT: Wood, William I.
; APPLICANT: Wu, Thomas D.
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QY 22 ILeProMetGluThrPheArgLysValGlyLeuProIleIleIleAlaLeuSerIleu 41
DB 302 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATACACTACAGACCTG 361
QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB 362 GCGAGATCATCATTTGGTGTCTCATCAAGGATCTTGGATTAATATCACTTCCCTC 421
QY 62 CysGlyGluProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 422 TGGGGGACGCTTCCACTTCATCCGAGAGACAGCTGTGTGACGGAAGCTGACCTGT 481
QY 82 ProLeuGlyGluAspGluGlnHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 482 CCTTGGGGAGAGACAGAGAGACCTGTGTCAAGAGCTTCCCGAAGGCTTCAGTGGCA 541
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTyr 121
DB 542 GTCCGCTCTCCAAAGACCGATCCACAGCTGACAGTGTGACTCGGCCACAGGAACCTGG 601
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 602 TTCTCGCTGTTTGCAGCACTTCACAGAGCTCTGTGAGACAGCTGTGAGGAGATG 661
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 662 GGCCTACAGACGAAACCCACTTTCAGAGCTGTGAGATGGCCGACAGCATGGAT 721
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
DB 722 GTTGTGAAATCAGAAACAGCAAGAGAGCTTCATGCGGAAGCTCAAGTGGGCTCTGT 781
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 782 CTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTGTGCTGTGGAGAGAGCTTAAGACCTCC 841
QY 202 ArgValValGlyGlyGluGlnAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
DB 842 CGTGTGTGGGTGGGAGAGAGGCTCTGTGATCTTGGCTGTGAGCTGACGATCAG 901
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrProValLeuThrAla 241
DB 902 TACGACAAACAGCAGCTGTGTGAGAGAGCATCTGTGACCCCTGAGTCTTCAAGCGCA 961
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTyrLysValArgAlaGlySerAsp 261
DB 962 GCCCACTGCTTCAGGAAACATACCGATGTGTTCATCTGGAAGGTGCGGCGAGGCTCAGAC 1021
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DB 1022 AACTGGGACGCTTCCCATTCCTGCTGTGGCCAAAGATCATCATCATTAATCAACCCC 1081
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1082 ATGTACCCCAAGACATGACATGCGCTCATGAAGCTGCAAGTTCCTCACTCATCTTCTCA 1141
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
DB 1142 GGCACAGTCAGGCCCATCTGTCTGCCCTTCTTATAGAGAGCTCATCTCAGGCAACCCCA 1201
QY 322 LeuThrIleIleGlyTyrPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
DB 1202 CTCTGAGATCATTTGATGGGCTTTTACAGAGCATGATGAGGAAAGATGTGTGACATACCTG 1261
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1262 CTGACAGGCTCAGTCAGTCATTCAGACACAGGTGCAATGCAACAGATGCTACAG 1321
QY 362 GlyGluValThrGlyLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB 1322 GGGGAAATCCAGAAAGATGTGTGACAGGATCCCGAAGGGGTGTGACACCTGCTG 1381
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnThrIleValValGlyIle 401

DB 1392 CAGGTGACAGTGGTGGGCCCTGATGTACCAATCTGACCAAGTGGCATGTGGGGCATC 1441
QY 402 ValSerTyrPheGlyTyrGlyCysGlyGlyProSerThrProLysValTyrThrLysValSer 421
DB 1442 GTTAGCTGGGCTATGGCTGTGGGGGGCCGAGACCCCAAGAGATATACCAAGGCTCTCA 1501
QY 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLysAlaGluLeu 435
DB 1502 GCTATCTCAACTGATCTACAAATGTCTGGAAGGCTGAGCTG 1543
RESULT 22
PCT-US02-07826-317
Sequence 317, Application PC/TUS0207826
GENERAL INFORMATION:
APPLICANT: Millennium Pharmaceuticals, Inc. et al.
TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
Title Of Invention: Assessment, Prevention, and Therapy of Ovarian Cancer
FILE REFERENCE: MRI-030PC
CURRENT APPLICATION NUMBER: PCT/US02/07826
PRIOR FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/276,025
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/325,149
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 60/276,026
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/324,967
PRIOR FILING DATE: 2001/09/26
PRIOR APPLICATION NUMBER: 60/311,732
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/325,102
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/323,580
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 363
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 317
LENGTH: 2307
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)-(2307)
OTHER INFORMATION: n = A,T,C or G
PCT-US02-07826-317
Alignment Scores:
Pred. No.: 0 Length: 2307
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Mismatches: 0
Best Local Similarity: 100.00% Indels: 0
Query Match: 99.79% Gaps: 0
DB: 1
US-10-803-530-2 (1-435) x PCT-US02-07826-317 (1-2307)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 284 GATCCTGACAGATCAACCTCTGAAACGCTCGATGTCAAAACCCCTGGCGAAACCCCGT 343
QY 22 ILeProMetGluThrPheArgLysValGlyLeuProIleIleIleAlaLeuSerIleu 41
DB 362 GCGAGATCATCATTTGGTGTCTCATCAAGGATCTTGGATTAATATCACTTCCCTC 421
QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB 404 GCGAGATCATCATTTGGTGTCTCATCAAGGATGTGATTAATATCACTTCCCTC 463
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 464 TGGGGGACGCTTCCACTTCATCCGAGAGACAGCTGTGTGACGGAAGCTGAGACTGT 523


```

Db      764 GTTGTGAAATCAGAGAAACAGCCAGGAGCTTCCGATCCGGAATCTCAAGTGGCCCTGT      823
Qy      132 LeuSerGlySerLeuValSerLeuHiScYsLeuAlaCysGlyLysSerLeuLysThrPro      201
Db      824 CTCTAGGGCTCCCTGCTCTCCCTGCACTGTCTTGTGCTGTGGAGAGAGCTGAAAGACCCCC      883
Qy      202 ArgValValGlyGlyGluGluValSerValAspSerTrpProTrpGluValSerIleGln      221
Db      884 CTTGTGTGTGGTGGGAGAGAGGCTCTGTGTGAGATCTTGGCTTGGCAGGTCAAGCATTCAG      943
Qy      222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValIleThrAla      241
Db      944 TACGACAAACAGCAGCTGTGTGAGAGGAGCATCTCGAACCCCACTGGGTCTCTCAGGCA      1003
Qy      242 AlaHisCysPheArgLysLeuHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp      261
Db      1004 GCCCACTGCTTCAGAGAAACATACCGATGTGTCAACTGGAAAGTCCGGGCAAGCTCAGAC      1063
Qy      262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAspPro      281
Db      1064 AAACCTGGCAGCTTCCCATCTCTGCTGTGGCCAGATCATCATATTGAATTCACACCC      1123
Qy      282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer      301
Db      1124 ATGTACCCCAAGACATGACATCGCCCTCATGAGCTGACAGTCCCATCTTCTCA      1183
Qy      302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro      321
Db      1184 GGCACAGTCAGGCCCATCTGTCTGCTCTTGTGTGAGAGCTCATTCCAGCCCA      1243
Qy      322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnHisGlyLysMetSerAspIleLeu      341
Db      1244 CTCTGATCATTTGATGGGGCTTTTACGAGCAGATGAGGAGAGATCTCGACATCTG      1303
Qy      342 LeuGlnAlaSerValGlnValIleLeuAspSerThrArgCysAsnAlaAspAspAlaTyrGln      361
Db      1304 CTGAGGGGTGATGCTCAGAGTCAATGACAGCACACGCTGCAATGACAGATGCTTACAG      1363
Qy      362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys      381
Db      1364 GGGGAGATCACCGAGAGATATGTGTCCAGGCAATCCCGAAGGGGGGTGGAGACCTGC      1423
Qy      382 GlnGlyAspSerGlyGlyProLeuMetLysGlnSerAspGlnTrpHisValIleGlyIle      401
Db      1424 CAGGGTGAAGTGGTGGGCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGATC      1483
Qy      402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValIleThrLysValSer      421
Db      1484 GTTAGCTGGGGCTATGGCTGGGGGGCCCGAGACCCCGAGAGATACACCAAGTCTCA      1543
Qy      422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu      435
Db      1544 GCTATCTCAACTGATCTTCAATGTCTGGAAGCTAGCTG      1585

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RESULT 24
US-10-097-340-317
; Sequence 317, Application US/10097340
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNAVARAPU
; APPLICANT: Sebastian HORSCH
; APPLICANT: Shubhangi KAWATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISSEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VETBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT

```

```

; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GLATT
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; FILE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
; FILE REFERENCE: MRI-030
; CURRENT APPLICATION NUMBER: US/10/097,340
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 317
; LENGTH: 2307
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(2307)
; OTHER INFORMATION: n = A,T,C or G
US-10-097-340-317

```

```

Alignment Scores:
Pred. No.: 0 Length: 2307
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: Gaps: 0

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US-10-803-530-2 (1-435) x US-10-097-340-317 (1-2307)

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Qy      2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg      21
Db      284 GATCTGACAGTATATCACTCTGAAACAGCTCGATCAAACTCTGGCAGAAACCCCT      343
Qy      22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu      41
Db      344 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATTAAGCTGAGCTG      403
Qy      42 AlaSerIleIleIleValValValIleuIleLysValIleLeuAspLysTrpThrPheLeu      61
Db      404 GCGAGTATCATATATGTGTGTGTCTTCATCAAGTGAATTCGATTAATACTTCTCTC      463
Qy      62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys      81
Db      464 TGGGGCAGACCTCTCCACTTCAATCCGAGAGAGAGCTGTGTGACGAGAGAGCTGACTGT      523
Qy      82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla      101
Db      524 CCCTTGGGGAGAGACAGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGGCTGACAGTGCA      583
Qy      102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleAspSerAlaThrGlyLeuTrp      121
Db      584 GTCCGCTCTTCCAGAGACCGATCCACACTGAGTGTGAGACTCGAGCCACAGAGAACTGG      643
Qy      122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet      141
Db      644 TTCTGTGCTGTTCGACAACTTCAAGAAAGCTCTCGTGAAGACGCTGTAGGAGAGATG      703
Qy      142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp      161

```

Db 704 GGCTACAGAGCAACCACTTTCAGAGCTGTGAGATTGCGCCAGACAGATCTGANT 763
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuMetGlnAsnSerSerGlyProCys 181
Db 764 GTTGTGGAATCAGCAAGAAACAGCCAGAGCTTCCATGCGGAACTCAAGTGGGCTGT 823
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 824 CTCCTAGGCTCCCTGCTCTCCCTGCACTGCTTGGCTGTGGAAAGAGCTGAAAGCCCC 883
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProGlnValSerIleGln 221
Db 884 CCGTGGTGGGGGGGAGAGAGCCCTCTGTGATTTCTGGCTTGGCAGGTCCAGTCCAG 943
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 944 TACGCAAAACAGCAGCTGTGTGAGAGGAGCATCTGCAGCCCACTGGGTTCTCAGCGCA 1003
Qy 242 AlaHisCysPheMetLysGlnHisThrAspValPheAsnTrpValArgAlaGlySerAsp 261
Db 1004 GCCCACTGCTTCAGAAACATACCCAGATGTGTCAACTGGAAAGGTGCGGGCAGGCTCAGAC 1063
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGlnPheAsnPro 281
Db 1064 AAACCTGGGAGCTTCCCATCTGCTGCTGTGGCCAAAGATCATCATGAAATTCACCC 1123
Qy 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1124 ATGTACCCCAAGACATGACATGATCCCTCATGAAAGCTGCACTTCCATCTTCTCA 1183
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1184 GGCAAGCTCAGGCTCATCTGCTGCTTCTTGTGATGAGAGCATCATCTCAGCCACCCCA 1243
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
Db 1244 CTCTGATCATTTGATGGGGCTTTTACGAGCAATGAGGGAGATGTCTACATACG 1303
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db 1304 CTGCAAGGCTCAGCTCAGGCTCATGTGACAGCACCGGTGCAATGACAGCATCTGACAG 1363
Qy 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1364 GGGGAAGTCAACGAAAGATGATGTGTGAGGCAATCCCGAAGGGGTGTGACACCTCC 1423
Qy 382 GlnGlyAspSerGlyGlyProLeuMetLysGlnSerAspGlnTrpHisValValGlyIle 401
Db 1424 CAGGCTGACAGTGTGGGCTCTGATGTACCAATCTGACAGTGGCATGTGTGGGCAATC 1483
Qy 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValIleThrLysValSer 421
Db 1484 GTTACTGGGGCTATAGGCTGCGGGGCGGAGACACCCGAGAGTATACCAAGGCTCA 1543
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1544 GCTATCTCACTGAACTTCAATGTCTGAAAGGCTGAGCTG 1585

RESULT 25
US-10-171-311-217
; Sequence 217, Application US/10171311
; GENERAL INFORMATION:
; APPLICANT: Schlegel, Robert
; APPLICANT: Chen, Yan
; APPLICANT: Zhao, Xumei
; APPLICANT: Monahan, John
; APPLICANT: Kamatkar, Shubhangi
; APPLICANT: Ghatti, Karen
; APPLICANT: Gannavarapu, Manjula
; APPLICANT: Hoersht, Sebastian
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; IDENTIFICATION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY
; TITLE OF INVENTION: OF CERVICAL CANCER

FILE REFERENCE: MRI-035
CURRENT APPLICATION NUMBER: US/10/171.311
CURRENT FILING DATE: 2002-06-12
PRIOR APPLICATION NUMBER: US 60/298,159
PRIOR FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: US 60/298,155
PRIOR FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: US 60/335,936
PRIOR FILING DATE: 2001-11-14
NUMBER OF SEQ ID NOS: 238
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 217
LENGTH: 2307
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 1691, 1698, 1705, 1708, 1709, 1713, 1717, 1720, 1724, 1728,
LOCATION: 1733, 1741, 1746, 1748, 1755, 1770, 1774, 1791, 1802, 1821,
LOCATION: 1838, 1856, 1859, 1864, 1908, 1959, 1997, 2012, 2038, 2143
OTHER INFORMATION: n = A,T,C or G

US-10-171-311-217

Alignment Scores:
Pred. No.: 0 Length: 2307
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
Gaps: 0

US-10-803-530-2 (1-435) x US-10-171-311-217 (1-2307)

Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 284 GATCTGACAGTATCAACCTCTGACAGCTTCATGATGCAACCTTCGCAACCTCGT 343
Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 344 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACTAGCACTAGAGCTG 403
Qy 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTrpThrLeu 61
Db 404 GCGAGTATCATCATGTGTGTCTCTCATCAAGGATGATTCGGAATTAATCACTTCC 463
Qy 62 CysGlyGlnProLeuHisPheLeuProArgLysGlnLysCysAspGlyGluLeuAspCys 81
Db 464 TCGGGGAGCTCTCCACTTCATCCCGAGAAAGCAGCTGTGTGACGAGAGCTGACCTGT 523
Qy 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 524 CCTTTGGGAGAGACAGAGAGCATGTGTCAAGACTTCCCGAAGGGCTGTGACGTGCA 583
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 584 GTCGCGCTCTCAAGACCGATCCACATGACAGGTGTGACTCGGCGCACAGGAATCG 643
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 644 TTCTGTGCTGTTTGAACAATTCACAGAAAGCTTCGCTGAGACAGCGCTGTGGCAGAG 703
Qy 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 704 GGCTACAGAGCAACCACTTTCAGAGCTGTGAGATTTGGGCCCAACCAAGATCTGANT 763
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 764 GTTGTGGAATCAGCAAGAAACAGCCAGAGGCTTGCATGCGGAACTCAAGTGGGCTGT 823
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 824 CTCCTAGGCTCCCTGCTCTCCCTGCACTGCTTGGCTGTGGAAAGAGCTTGAAGACCCC 883

QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTgInValSer1LeGln 221
Db 884 CGTGTGTGGTGGGAGAGAGGCTCTGTGATCTTGGCTTGGACAGTCAAGATCAG 943
QY 222 TyrAspLysGlnHisValCysGlyGlySer1LeuAspProHisTrpValLeuThrAla 241
Db 944 TACAGCAAAAGCAGCGTGTGGAGGAGCATCTCGAGCCGCCCTGCTCTCAGCGCA 1003
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 1004 GCCCAGCTGCTTCAGAAACATACCGATGTGTTCACTGAAAGGTGGCGGAGCTCAGAC 1063
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLys1Leu1Leu1Leu1Leu1PheAsnPro 281
Db 1064 AAACCTGGGAGCTTCCATCCCTGGCTGTGGCCAAAGATCATCATTTGAAATTCACCCC 1123
QY 282 MetTrpProLysAspAsnAsp1Leu1LeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1124 ATGTACCCCAAGACATGACATCGCCCTCATGAAGCTGACAGTTCCACATCATTCTCA 1183
QY 302 GlyThrValArgProLysCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1184 GGACAGCTCAGGCCCATCTGTCTGCTCTTGTATGAGAGCTCAGCTCCAGCCACCCCA 1243
QY 322 LeuTrp1Leu1Leu1GlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAsp1Leu 341
Db 1244 CTCGTGATCATGTGATGGGGCTTTACAGAGCAGATGAGGAGGAGATGTCTGACATCTG 1303
QY 342 LeuGlnAlaSerValGlnVal1LeuAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1304 CTGACAGGCTCAGGCTCAGGCTCATTCAGACAGCAGGTCATGACAGAGCGCTACAG 1363
QY 362 GlyGluValThrGluLysMetMetCysAlaGly1LeuProGluGlyGlyValAspThrCys 381
Db 1364 GGGGAGTCAACCGAAGATATGTGTACAGCAATCCCGAAGGGGGGTGGACACCTGC 1423
QY 382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValAlaGly1Le 401
Db 1424 CAGGCTGACAGTGTGGGCCCTCATGTACCAATGTACAGCTGGCATGTGTGGGATC 1483
QY 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyVal1TyrThrLysValSer 421
Db 1484 GTTAGCTGGGGCTATGTGTGGCGGGGCCGAGCAACCCAGAGATATACCAAGGTCTCA 1543
QY 422 AlaTrpLeuMetTrp1LeuTrpAsnValTrpLysAlaGluLeu 435
Db 1544 GCTTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1585

RESULT 26
US-11-050-926-317
; Sequence 317, Application US/11050926
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNANAVARAPU
; APPLICANT: Sebastian HOERSCHE
; APPLICANT: Shubhangi KAMATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel B. MEYERS
; APPLICANT: Michael MORRISSEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEITH
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GLATT
; TITLE OR INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; FILE REFERENCE: M01-030
; CURRENT APPLICATION NUMBER: US/11/050.926
; CURRENT FILING DATE: 2005-02-04

; PRIOR APPLICATION NUMBER: US/10/097,340
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 317
; LENGTH: 2307
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(2307)
; OTHER INFORMATION: n = A,T,C or G
US-11-050-926-317

Alignment Scores:
Pred. No.: 0 Length: 2307
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: Gaps: 0

US-10-803-530-2 (1-435) x US-11-050-926-317 (1-2307)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 284 GATCTTACAGTATCATCTTGTACACAGCTTGATGTCAAAACCTCGCCCAACCCCGT 343
QY 22 IleProMetGluThrPheArgLysValGly1LeuPro1Leu1Leu1Leu1Leu1SerLeu 41
Db 344 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATGAGCTG 403
QY 42 AlaSer1Leu1Leu1ValValLeu1Leu1Val1Leu1Leu1Leu1Leu1Leu1Leu1Leu 61
Db 404 GCGAGTATCATATGTGTGTGTCTCATCAAGTGTGATTAATTAATTAATTAATTAAT 463
QY 62 CysGlyGlnProLeuHisPhe1LeuProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 464 TGGGGGAGGCTCTCCACTTCATCCGAGAGAGCTGTGTGAGGAGAGCTGTGACTGT 523
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 524 CCTTGGGGAGAGCAGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCTGAGAGTGA 583
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 584 GTCCGCTCTCAAGGACCATCATCACTGAGGTGTGAGCTGCGCACAGGGAGACTGG 643
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 644 TTCTGTCTGCTTTCGACCACTTCAGAGAGCTCTGCTAGACAGCTGTAGCAATG 703
QY 142 GlyTrpSerSerLysProThrPheArgAlaValGlu1Leu1Leu1ProAspGlnAspLeuAsp 161
Db 704 GGTACAGCAGCAAAACCATTTTCAGAGCTGTGAGATGTGGCCAGACAGAGATCTGAT 763
QY 162 ValValGlu1LeuThrGluAsnSerGlnLeuArgMetArgAsnSerGlyProCys 181
Db 764 GTTGTGAATTCAGAGAAACAGCCAGAGAGCTTGTGATGTGGAACTCAAGTGGGCTCTGT 823

QY 182 LeuSerGlySerLeuValSerLeuHisCysGlyLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 824 CTCACAGGCTCCCTGCTCTCCCTGACATGCTCTGCTGGAAGAAGCTTAAGAAGCCCC 883
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
 Db 884 CGTGTGTGGGTGGGAGAGAGAGGCTCTGTGATTTCTTGCTTGAGCTGACATCCAG 943
 QY 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThrAla 241
 Db 944 TACGCAAAACAGCAGCTCTGTGAGAGGAGCATCTCGAACCCCACTGGGCTCTCAAGGCA 1003
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 1004 GCCCACTGCTTCAGGAACATACCATGTGTTCACATGGAAGGTGGGGAGGCTCAAC 1063
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 Db 1064 AACCTGGGAGCTTCCCATCCCTGGCTGTGGCCAGATCATCATTTGAATTCAACCCC 1123
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1124 ATGTACCCCAAGACATGACATGCTCCATGAGAGCTGAGTCCCACTGACTTCTCA 1183
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 Db 1184 GGCAACAGTCAGGCGCATCTGTCTGCTCTTGTGATGAGAGCTCATCCAGCCCA 1243
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnHisGlyLysMetSerAspIleLeu 341
 Db 1244 CTCGTGATCATTTGAGTGGGCTTTACGAAAGCATGAGGGAAGATGTCTGACATCTG 1303
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1304 CTGCGAGGCTCAGTCAAGTCAATTCACAGCAACCGGTGACAGAGATCGATCCAG 1363
 QY 362 GlyGluValThrGluLysMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 Db 1364 GGGGAGATCACCGAAGAGATGATGTGTGACAGCATCCCGAAGGGGGGTGTGACACCTGC 1423
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnIleAspGlnIleThrHisValValGlyIle 401
 Db 1424 CAGGCTGACAGTGTGGGCTCTGTGATGACCATGTGACAGTGGAGTGGGCTATC 1483
 QY 402 ValSerTrpGlyTyrGlyCysGlyLysProSerThrProGlyValTyrThrLysValSer 421
 Db 1484 GTTACTGGGGCTATGCTGCTGGGGGCCCCAGACACCCCAAGATATACCAAGGTCTCA 1543
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrLysAlaGluLeu 435
 Db 1544 GCTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1585

RESULT 27
 PCT-US01-18568-1
 ; Sequence 1, Application PC/TUS0118568
 ; GENERAL INFORMATION:
 ; APPLICANT: Darow, Andrew L
 ; APPLICANT: Qi, Jain-shen
 ; APPLICANT: Andrade-Gordon, Patricia
 ; TITLE OF INVENTION: DNA encoding human serine protease D-G
 ; FILE REFERENCE: ORT-1273
 ; CURRENT APPLICATION NUMBER: PCT/US01/18568
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 1
 ; LENGTH: 2121
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; PCT-US01-18568-1

Alignment Scores:

Pred. No.: 0
 Score: 2335.00
 Percent Similarity: 99.77%
 Best Local Similarity: 99.77%
 Query Match: 99.70%
 DB: 1
 US-10-803-530-2 (1-435) x PCT-US01-18568-1 (1-2121)
 QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuValLysProLeuArgLysPro 20
 Db 277 ATGATCTCTGACATGTATCACTCTGAAACGCTCTGATTCAAACCTTCGGAACCC 336
 QY 21 ArgIleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLysSer 40
 Db 337 CGTATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATAGCACTAGTACG 396
 QY 41 LeuAlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrTrpPhe 60
 Db 397 CTGGGAGTATCATCATTTGTGTCTCATCAAGGTGATTCGATTAATACTACTTC 456
 QY 61 LeuCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAsp 80
 Db 457 CTGCGGGGAGCTCTCCACTTCATCCAGAGAGCAGCTGTGTGACGAGAGCTGAC 516
 QY 81 CysProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaVal 100
 Db 517 TGTCCCTTGGGAGAGAGAGAGCATGTGTCAAGACTTCCCGAAGGCTCGACATG 576
 QY 101 AlaValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
 Db 577 GCAATCCCTCTCCAAAGACCGATCCACATGCAAGGTGTGACTGGCCACAGGAGAC 636
 QY 121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
 Db 637 TGTCTCTGCTGCTTTGACACATTCACAGAAAGCTCTGCTGAGACAGCTGTAGGAG 696
 QY 141 MetGlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
 Db 697 ATGGCTACACAGAAACCACTTCAGAGCTGTGAGATTTGGCCACAGCAAGATCTG 756
 QY 161 AspValValGluIleThrGluAsnSerGlnLeuAspMetArgAsnSerSerGlyPro 180
 Db 757 GATGTGTGAATATACAGAAACAGCCAGAGCTTCCCAAGCGGAATCAAGTGGGCC 816
 QY 181 CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThr 200
 Db 817 TGTCTCTAGGCTCCCTGTCTCCCTGCACTGTCTGTGCTGTGGAGAGAGCTGAAGACC 876
 QY 201 ProArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIle 220
 Db 877 CCCCTGTGTGGGTGGGAGAGAGGCTCTGTGATTTCTTGCTTGAGGCTGACATC 936
 QY 221 GlnTyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThr 240
 Db 937 CAGTACGCAAAACAGCAGCTCTGTGAGAGGAGCATCTCGAACCCCACTGGGCTCTCAG 996
 QY 241 AlaAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySer 260
 Db 997 GCAAGCCCACTGCTTCAGAAACATACCATGTGTTCACATGGAAGGTGGGAGGCTCA 1056
 QY 261 AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsn 280
 Db 1057 GACAAACATGGGAGCTTCCCATCCCTGTGGCTGTGGCCAGATCATCATTAATTCAC 1116
 QY 281 ProMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe 300
 Db 1117 CCCATGTACCCAAAGACATGACATCGCCCATGAGAGCTCAGTCCCACTGCTTC 1176
 QY 301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
 Db 1177 TCAGGCACAGTCAAGGCGCATGTCTGCTCTTGTGATGAGAGACTCATCCAGCCACC 1236


```

1  APPLICANT: Qi, Jiah-shen
2  APPLICANT: Andrade-Gordon, Patricia
3  TITLE OF INVENTION: DNA encoding human serine protease D-G
4  FILE REFERENCE: ORT-1273
5  CURRENT APPLICATION NUMBER: US/10/803,530
6  CURRENT FILING DATE: 2004-03-17
7  PRIOR APPLICATION NUMBER: US/09/607,745
8  PRIOR FILING DATE: 2000-06-30
9  NUMBER OF SEQ ID NOS: 9
10 SOFTWARE: PatentIn Ver. 2.1
11 SEQ ID NO 1
12 LENGTH: 2121
13 TYPE: DNA
14 ORGANISM: Homo sapiens
15 US-10-803-530-1

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Alignment Scores:

Pred. No.:	0	length:	212
Score:	235.00	Matches:	434
Percent Similarity:	99.77%	Conservative:	0
Best Local Similarity:	99.77%	Mismatches:	1
Query Match:	99.70%	Indels:	0
DB:	62	Gaps:	0

US-10-803-530-2 (1-435) x US-10-803-530-1 (1-2121)

QY	1	MetAspProAspSerAspGlnProLeuAnSerLeuAspValIlybProLeuAArglybPro	20
Db	277	ATGATGATCCCGACAGATCAACCTTCGAAACAGCTTGATGCTCAACCCCTGGCCAAACCC	336
QY	21	ArgIleProMetGluThrPheArglybValGlyIleProIleIleIleIleLeuLeuSer	40
Db	337	CGTATCCCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATAGCATCTAGAGC	396
QY	41	LeuAlaSerIleIleIleValValLeuIleIleValIleLeuAspIlybTybPhe	60
Db	397	CTGGGAGAGTATCATCATTTGGTGTGCTCATCAAGGTGATCTCGGTAAATACTACTTC	456
QY	61	LeuCybGlyGlnProLeuHisPheIleProArglybGlnLeuCybAspGlyIleLeuAsp	80
Db	457	CTCTCGGGCAGACCTCTCCATCTCATCCGAGAAACAGCTGTGTGACGGAGAGCTGGAC	516
QY	81	CysProLeuGlyGlnAspGlnGlnHisCysValIlybSerPheProGlnGlyProAlaVal	100
Db	517	TGTCCCTTGGGGAGGACAGAGAGCACTGTGTAAAGCTTCCCGAAGGCGCTTGCAGTG	576
QY	101	AlaValArgLeuSerIlybAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn	120
Db	577	GGAGTCCGCGCTCTCCAGAGCCGATCACTCAGAGTGCTGGACTCGGCCACAGGGAAC	636
QY	121	TrpPheSerAlaCysPheAspAspPheThrGlnAlaLeuAlaGlnThrAlaCysArgGln	140
Db	637	TGGTTCTCGCTGTTTCGACAACCTTCACAGAGCTCTCGCTAGACAGCTGTAGGCAG	696
QY	141	MetGlyTybSerSerIlybProThrPheArgAlaValGlnIleGlyProAspGlnAspLeu	160
Db	697	ATGGGCTACAGACAGCAACCCACTTTCAGAGCTGTGGAGATGGGCCACAGACTCTG	756
QY	161	AspValValGlnIleThrGlnAsnSerGlnIleLeuArgMetArgAsnSerSerGlyPro	180
Db	757	GATGTGTGTGAATCAACAGAAACACCCAGAGACTTCGACATGGGAACTCAAGTGGGCC	816
QY	181	CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlybSerLeuIlybThr	200
Db	817	TGTCTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTTGGCTGTGGAAAGACCTGAAAGCC	876
QY	201	ProArgValAlaGlyGlyGlnGlnAlaSerValAspSerThrProThrGlnValSerIle	220
Db	877	CCCCGCTGTGGGTGGGAGAGAGCCCTGTGTGATTTCTTGAGCCTTGACAGTCAAGATC	936
QY	221	GlnTybAspIlybGlnHisValCysGlyGlySerIleLeuAspProHisThrPheValLeuThr	240
Db	937	CAGTACGACAAACAGACGCTGTGTGAGGGAGATCTCGAACCCCACTGGGCTCTCAGC	996

QY	241	AlaAlaHisCysPheAlaGlySerHisThrAspValPheLeuThrPheValArgAlaGlySer	260
Db	997	GCACCCCACTGGCTTCAGAGAAACAATACGATGTGTCAACTGGAAAGTGGCGGACGGCTCA	1056
QY	261	AspPheLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsn	280
Db	1057	GACAAACTGGGACAGCTTCCATCCCTGGCTGTGGCCAAAGATCATCATTTGAATTCAAC	1116
QY	281	ProMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe	300
Db	1117	CCCATGTATCCCAAGACAAATGACATGCGCCTCATGAAGCTGCAAGTCCCACTCACTTC	1176
QY	301	SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr	320
Db	1177	TCAGGCAACGACAGAGCCCATCTGTCTGCGCTTCTTATGAGAGACTTACTTCAGCCACC	1238
QY	321	ProLeuThrIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIle	340
Db	1237	CCACTCTGGATCATTTGGATGGGGCTTTTACGAAGCAGAAATGAGAGGAGAAATCTTGACATA	1296
QY	341	LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyr	360
Db	1297	CTGCTGCAGCGGTCAAGTCCAGGTCAATTCACAGCACACGGTCCATATGACAGATGCCATAC	1356
QY	361	GlnGlyGluValIleThrGluLysMetMetCysAlaGlyIleProGluGluGlyValAspThr	380
Db	1357	CTGGGGGAGAGTACCAGGAGAAATATATGTGTGCAGAGCATCCCGAAGGGGGGTGTGCACCC	1416
QY	381	CysGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrPheAlaValGly	400
Db	1417	TGCCAGGATGACAGTGGTGGGCCCCCTGATATGACCAATTCACACAGTGCATGTGGTGGC	1476
QY	401	IleValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysVal	420
Db	1477	ATCGTTAGCTGGGGCTAATGCTGGCGGGGGCCGAGACCCCAAGGGGTATACCAACAAGTCC	1536
QY	421	SerAlaTyrLeuLeuThrIleTyrAsnValIleTyrLysAlaGluLeu	435
Db	1537	TCAGGCTATTCACACTGGATCTAACAAATCTCGAAGGCTGAGCTG	1581

RESULT: 30

US-10-417-375-139
; Sequence 139, Application US/10417375

APPLICANT: David W. Morris

; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer

CURRENT APPLICATION NUMBER: US/10/417,375

NUMBER OF SEQ ID NOS: 176

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TYPE: DNA

US-10-417-375-139

Alignment Scores:

Score:	2333.00	Match
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Best Local Similarity: 99.77% Mismatch: 0.23%

DB: 51
Geprs:

US-10-803-530-2 (1-435) X US-10-417-375-139

QY 1 MetAspProAspSerAspGlnProLeuAsn

Db 226 ATGGATCCTGACACGTATCAACCTCTGAACAGCCTGATGTCAAACCCCTGGCAACC 285

US-10-803-530-2 (1-435) X US-10-417-375-139 (1-2590)

QY I MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysPro 20
Db 226 ATGATTCCTGACAGTATCAACTCTGAAACAGCCTCATATGTCAAAACCCCTGCCAAACC 285

QY 21 ArgIleProMetGluThrPheArgLyValGlyIleProIleIleIleAlaLeuLeuSer 40
Db 286 CGTATCCCATGAGACCTTCAGAAAGGTGGGGATCCCATCATCATATGACCTAGAC 345
QY 41 LeuAlaSerIleIleIleValValIleuIleLyValIleLeuAspLysTrpPhe 60
Db 346 CTGCGAGATACATCATGTGTGTCTCATCAAGGTGATTCGTGTAATAATCACTTCC 405
QY 61 LeuCyArgIleGlnProLeuHisPheIleProArgIleGlnLeuCyAspGlyIleLeuAsp 80
Db 406 CTCTGCGGGAGCCCTCTCCACTTCATCCGAGAAAGAGCTGTGTGACGAGAGCTGGAC 465
QY 81 CysProLeuGlyGluAspGluGluHisCysValIlySerPheProGluGlyProAlaVal 100
Db 466 TGTCTCTGGGGGAGAGAGAGACAGCTGTCAAGAGCTTCCCGAAAGGCTCGAGTG 525
QY 101 AlaValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db 526 GCAGTCCGCTCTCCAGAGACCGATCCACCTGAGAGGTGCTGAGCTCGGCACAGGGAAC 585
QY 121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
Db 586 TGTGTCTGTGCTGTCTGTTCAGACCTTCACAGAGCTCTCGCTGAGACGCTGTAGGGAG 645
QY 141 MetGlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
Db 646 ATGGGCTACAGCAGCAAAACCACTTTCAGAGCTGTGAGAGATTGGCCCGAGCAGAGATCTG 705
QY 161 AspValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyPro 180
Db 706 GATGTGTGTAATCACAGAAACAGCAGAGAGCTTCAGACGAGAACTCAAGTGGGGCC 765
QY 181 CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThr 200
Db 766 TGTCTCTGAGCTCTCTGTGTCTCCCTGACATGTCTGTCTGTGGAGAGAGCTTAAGACC 825
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Db 826 CCCGCTGAGGTGGGTGTCAGAGAGCCCTGTGATTCCTTGGCCCTGGCAGGTGAGATC 885
QY 221 GlnIlyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThr 240
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QY 261 AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsn 280
Db 1006 GACAAACCTGGGCACTTCCCATCCCTGGCTGTGGCCAAAGATCATCATTAATTCAC 1065
QY 281 ProMetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe 300
Db 1066 CCCATGTACCCCAAGAACAAAGACATGCTCATGAGCTGAGCTTCCCATCACTTTC 1125
QY 301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db 1126 TCAGGCAAGTCAGAGCCCATGTGTCTGCTTCTTTGATGAGAGCTCATCTCCAGCCAC 1185
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Db 1186 CCACTCTGGATCATTTGATGGGGCTTTACAGAAAGCATGAGGGGAAGATTCGACCTA 1245
QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrp 360
Db 1246 CTGTGTGAGGGGTGAGTCAAGGTCAATTGACAGCACACGTCATTCAGAGAGCGTAC 1305
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Db 1306 CAGGGGAGAGTCACCGAGAGATGATGTGTGAGGATCCCGAGAGGGGGTGTGAGACCC 1365
QY 381 CysGlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValValGly 400

Db 1366 TGGCAGGGTACAGTGGTGGGGCCCTGATGTACCAATCTACAGAGTGATGTGGGC 1425
QY 401 ILeValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIlyThrLysVal 420
Db 1426 ATCGTATGTTGGGGCTATGTGCTGGGGGGCCAGACCCACAGAGTATACCAAGTTC 1485
QY 421 SerAlaTrpLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1486 TCAGCTATCTCAACTGATGATCTACATGTGTGAGAGGCTGAGCTG 1530
RESULT 31
US-10-417-375A-139
; Sequence 139, Application US/10417375A
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc Malandro
; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
; FILE REFERENCE: 529452001600
; CURRENT APPLICATION NUMBER: US/10/417,375A
; NUMBER OF SEQ ID NOS: 2003-04-15
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 2590
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-417-375A-139
Alignment Scores:
Pred. No.: 0 Length: 2590
Score: 2333.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.62% Indels: 0
DB: 51 Gaps: 0
US-10-803-530-2 (1-435) x US-10-417-375A-139 (1-2590)
QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysPro 20
Db 226 ATGGATCTTACAGATGATTCACCTCTGACAGGCTTCATATCAAACTTCGCGAAACCC 285
QY 21 ArgIleProMetGluThrPheArgLyValGlyIleProIleIleIleAlaLeuLeuSer 40
Db 286 CGTATCCCATGAGACCTTCAGAAAGGTGGGGATCCCATCATCATATGACCTAGAC 345
QY 41 LeuAlaSerIleIleIleValValIleuIleLyValIleLeuAspLysTrpPhe 60
Db 346 CTGCGAGTATCATCATTTGTGTGTCTCATCAAGGTGATTCGTGTAATAATCACTTCC 405
QY 61 LeuCyArgIleGlnProLeuHisPheIleProArgIleGlnLeuCyAspGlyIleLeuAsp 80
Db 406 CTCTGCGGGAGCCCTCTCCACTTCATCCGAGAAAGAGCTGTGTGACGAGAGCTGGAC 465
QY 81 CysProLeuGlyGluAspGluGluHisCysValIlySerPheProGluGlyProAlaVal 100
Db 466 TGTCTCTGGGGGAGAGAGAGACAGCTGTCAAGAGCTTCCCGAAAGGCTCGAGTG 525
QY 101 AlaValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db 526 GCAGTCCGCTCTCCAGAGACCGATCCACCTGAGAGGTGCTGAGCTCGGCACAGGGAAC 585
QY 121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
Db 586 TGTGTCTGTGCTGTCTGTTCAGACCTTCACAGAGCTCTCGCTGAGACGCTGTAGGGAG 645
QY 141 MetGlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
Db 646 ATGGGCTACAGCAGCAAAACCACTTTCAGAGCTGTGAGAGATTGGCCCGAGCAGAGATCTG 705
QY 161 AspValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyPro 180


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Db      706 GATGTTGTAATCAGAAAAACAGCCAGAGCTTCGATCGGAACTCAAGTGGGCC 765
Qy      181 CysleuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuYsthr 200
Db      766 TGTCTCTAGAGCTCCCTGGTCTCCCTGCACTGTCTTGCTGGGAGAGAGCTGAAGACC 825
Qy      201 ProArgValAlaGlyGlyGluGluAlaSerValaAspSerTrpProTrpGlnValSerIle 220
Db      826 CCCCTGTGTGGTGGTGTGGAGAGAGCCCTGTGGATTCTTGCCCTTGGCAGGTCAAGATC 885
Qy      221 GlnTrpAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThr 240
Db      886 CAGTACGACAAACACACACGTCGTGTGAGAGAGACATCTGGACCCCACTGGGGTCTCTCAG 945
Qy      241 AlaAlaHisCysPheArgLysHisIsthAspValPheAsnTrpLysValArgAlaGlySer 260
Db      946 GCAGCCCACTGCTTCAGAGAAACATACCGATGTGTTCACACTGGAGAGTGGGGCAGGCTCA 1005
Qy      261 AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsn 280
Db      1006 GACAAACTGGGAGCTTCCTCCATCCCTGGCTGTGGCCAGATCATCATCTGAATTCAAC 1065
Qy      281 PrometTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe 300
Db      1066 CCATGTACCCCAAGACATGACATCCGCTCATGAAGCTGCACTTCCCACTCACTTTC 1125
Qy      301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db      1126 TCAGGCACAGTCAGGCCCATCTGTCTGCCCTTCTTGATGAGAGACTCACTCCAGCCACC 1185
Qy      321 ProLeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIle 340
Db      1186 CCACTCTGATATTGGATGGAGGCTTTACAGACAGATGAGGAGAGATGTCTGACATTA 1245
Qy      341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrp 360
Db      1246 CTGCTGCGAGGCTCAGTCCAGGTCACTTGAACACACACGCTGCAATGACACATGGTAC 1305
Qy      361 GlnGlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThr 380
Db      1306 CAGGGGGAAGTACACGAGAGATGATGTGTGAGAGGATCCCGAAGGGGGTGTGACACC 1365
Qy      381 CysGlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGluTrpHisValValGly 400
Db      1366 TCCAGGGGAGACAGTGTGTGGGCCCTGATGTACCAATCTGACCAAGTGGCATGTGTGG 1425
Qy      401 IleValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrLysVal 420
Db      1426 ATCGTTAGTTGGGCTATGGCTGGCGGGGCCCGAGAGACCCCAAGGTATACCAAGATC 1485
Qy      421 SerAlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
Db      1486 TCAGCTATCTCAACTGATCTACAAATGTCTGGAAGGCTGAGCTG 1530

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RESULT 32
US-10-417-375B-139

/ Sequence 139, Application US/10417375B
/ GENERAL INFORMATION:
/ APPLICANT: David W. Morris
/ APPLICANT: Marc Malandro
/ TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
/ FILE REFERENCE: 529452001600
/ CURRENT APPLICATION NUMBER: US/10/417,375B
/ NUMBER OF SEQ ID NOS: 176
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 139
/ LENGTH: 2590
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-417-375B-139

Alignment Scores:

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Pred. No.: 0
Score: 2333.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Query Match: 99.62%
DB: 51
Gaps: 0

US-10-803-530-2 (1-435) x US-10-417-375B-139 (1-2590)

Qy      1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysPro 20
Db      226 ATGATTCCTGACAGATCAACCTTGAACAGCTCGATGTCAAAACCCCTGGCAAAACC 285
Qy      21 ArgIlePrometGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSer 40
Db      286 CGTATCCCACTGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACACTAGAGC 345
Qy      41 LeuAlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTrpThrPhe 60
Db      346 CTGGCAGATCATCATATTGTGTGTCTCATCAAGGTGATTCGATTAATTAATTAATTC 405
Qy      61 LeuCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAsp 80
Db      406 CTTCGGGGCAGCCCTTCCTCACTTCATCCCGAGAGAGAGCTGTGTGACGAGAGCTGAC 465
Qy      81 CysProLeuGlyGluAspGlyGluHisCysValLysSerPheProGluGlyProAlaVal 100
Db      466 TGTCTCTGGGGAGAGACAGAGAGCATGTGTCAAGACTTCCCGAAGGGCTGCAAGT 525
Qy      101 AlaValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db      526 GCAATCCGCTCTCCAAAGACCGATCCACACTGACAGTGTGACTCGGCCACAGAGAAC 585
Qy      121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
Db      586 TGTCTCTGCTGCTGTTTGAACACTTCAAGAGCTTCGCTGAACAGAGCTGTAGGGCAG 645
Qy      141 MetGlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
Db      646 ATGGACTACAGCAGAAACCCACTTTCAGAGCTGTGAGATTTGGCCAGACAGATCTG 705
Qy      161 AspValValGluIleThrGluAsnSerGlnLeuAsnArgMetArgAsnSerSerGlyPro 180
Db      706 GATGTTGTAATCAGAAAAACAGCCAGAGCTTCGATCGGAACTCAAGTGGGCC 765
Qy      181 CysleuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuYsthr 200
Db      766 TGTCTCTAGAGCTCCCTGGTCTCCCTGCACTGTCTTGCTGGGAGAGAGCTGAAGACC 825
Qy      201 ProArgValAlaGlyGlyGluGluAlaSerValaAspSerTrpProTrpGlnValSerIle 220
Db      826 CCCCTGTGTGGTGGTGTGGAGAGAGCCCTGTGGATTCTTGCCCTTGGCAGGTCAAGATC 885
Qy      221 GlnTrpAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThr 240
Db      886 CAGTACGACAAACACACACGTCGTGTGAGAGAGACATCTGGACCCCACTGGGGTCTCTCAG 945
Qy      241 AlaAlaHisCysPheArgLysHisIsthAspValPheAsnTrpLysValArgAlaGlySer 260
Db      946 GCAGCCCACTGCTTCAGAGAAACATACCGATGTGTTCACACTGGAGAGTGGGGCAGGCTCA 1005
Qy      261 AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsn 280
Db      1006 GACAAACTGGGAGCTTCCTCCATCCCTGGCTGTGGCCAGATCATCATCTGAATTCAAC 1065
Qy      281 PrometTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe 300
Db      1066 CCATGTACCCCAAGACATGACATCCGCTCATGAAGCTGCACTTCCCACTCACTTTC 1125
Qy      301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db      1126 TCAGGCACAGTCAGGCCCATCTGTCTGCCCTTCTTGATGAGAGACTCACTCCAGCCACC 1185

```

QY 321 ProLeuTrrpLleIleGIYrPglYpHeThrLySGlnaSnGIYgLYlYmESeSerAsp1le 340
|
|
|
Db 1186 CCACTCGATCATTTGATGGGGCTTTACGAAAGAGATGAGGAAAGATGTCGACATA 1245
|
|
|
QY 341 LeuLeuGlnIaSerValGlnValIleAspSerThrArgCysaAnaIaAspAspAlaTyr 360
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|
|
Db 1246 CTGCTGAGGCGTCAGTCAGTCATTCAGACGACAGGTCGATTCAGACGATGCGTAC 1305
|
|
|
QY 361 GlnGIYgLIuValThrGIYmESeMetCysAlaGIYlLeProGIuGIYgLYValAspThr 380
|
|
|
Db 1306 CAGGGGAGAGTCACCGAAGATGATGTGCGAGGCATCCCGAAGGGGTGTGACACC 1365
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|
|
QY 381 CysGIInGIYAspSerGIYgLYProLeuMetTyrGlnSerAspGlnTrrpHisValGIY 400
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|
|
Db 1366 TGCAGGGGTGACAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGGGCG 1425
|
|
|
QY 401 lIleValSerTrpGIYrYrGIYCySGIYgLYProSerThrProGIYValTyrThrLySVal 420
|
|
|
Db 1426 ATCGTTAGTTGGGGCTGATGGCTGCGGGGGCCGAGCACCCGAGAGTATACCAAGGTC 1485
|
|
|
QY 421 SerAlaTyrLeuAantTrpIleTyrAsnValTrrpLySAlaGIuLeu 435
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|
|
Db 1486 TCAGCTATCTCACTGGATCTCAATGTCTGAAAGGCTGAGCTG 1530
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|
|

RESULT 33
US-60-625-561-447
; Sequence 447, Application US/60625561

/ GENERAL INFORMATION:
/ APPLICANT: MCCAFFREY, Ian
/ APPLICANT: DOMON, Bruno
/ TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES
/ TITLE OF INVENTION: THEREOF
/ FILE REFERENCE: CLO01557
/ CURRENT APPLICATION NUMBER: US/60/625,561
/ CURRENT FILING DATE: 2004-11-08
/ NUMBER OF SEQ ID NOS: 586
/ SOFTWARE: PasteSeq for Windows Version 4.0
/ SEQ ID NO 447
/ LENGTH: 2590
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-60-625-561-447

Alignment Scores:

Pred. No.: 0 Length: 2590
Score: 2333.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.62% Indels: 0
Gaps: 0

US-10-803-530-2 (1-435) x US-60-625-561-447 (1-2590)

QY 1 MetAspProAspSerAspGlnProLeuAnSerLeuAspValLySProLeuArgLySPro 20
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|
|
Db 226 ATGATTCCTGACAGTCATCACTCTGAACAGCCCTCGATGCAAAACCCCTGGGAAACC 285
|
|
|
QY 21 ArgIleProMetGIYrThrPheArgLySValGIYlLeProIleIleIleAlaLeuLeuSer 40
|
|
|
Db 286 CGTATCCCCATGAGACCTTCAGAAAGGTGGGGATCCCCATCATCATGACCTACTGAGC 345
|
|
|
QY 41 LeuIaSerIleIleIleValIaValIleuIleLySValIleLeuAspLySValTyrPhe 60
|
|
|
Db 346 CTGGGAGATCATATGTGTGTCTCTCATTCAGAGGATTCCTGATTAATCATCTTAC 405
|
|
|
QY 61 LeuCySGIYgLIProLeuHisPheIleProArgLySGlnLeuCyAspGIYgLIuLeuAsp 80
|
|
|
Db 406 CTCTGGGGGAGCCCTCTCACTTCAATCCGAGAGAGCAGCTGTGTGACGAGAGCTGAC 465
|
|
|
QY 81 CysProLeuGIYgLIuAspGIuGIuHisCySValLySLeuPheProGIuGIYProAlaVal 100
|
|
|
Db 466 TGTCCCTTGGGGGAG 525
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|
|

QY 101 AlaValArgLeuSerLySAspArgSerThrLeuGlnValLeuAspSerAlaThrGIYaaN 120
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|
|
Db 526 GACGTCGCGCTCTCCAGAGCCGATCCATCTGACAGTGTCTGACCTCGGCGACAGGAAAC 585
|
|
|
QY 121 TrpPheSerAlaCysPheAspAenPheThrGIuAlaLeuAlaGIuThrAlaCysArgGln 140
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|
|
Db 586 TGGTCTCTGCGCTGTTCGACAACTTCACAGAGGCTCTGCTGAGACAGCTGTGTAGCAG 645
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|
|
QY 141 MetGIYrYrSerSerLySProThrPheArgAlaValGIuIleGIYProAspGlnAspLeu 160
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|
|
Db 646 ATGGGCTACAGGAGCAAAACCACTTTCAGAGCTGTGAGATGTGGCCGAGACAGATCTG 705
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|
|
QY 161 AspValValGIuIleThrGIuAnSerGIuLeuArgMetArgAnSerSerGIYPro 180
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|
|
Db 706 GATGTTGTAATCATCAGAAACACAGAGACCTTCGATGTGGAATCAAGTGGGCC 765
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|
|
QY 181 CysLeuSerGIYSerLeuValSerLeuHisCysLeuAlaCysGIYLySLeuLySThr 200
|
|
|
Db 766 TGTCTCTCAGGGCTCCCTGGTCTCCCTGCACTGTCTTGGGGAAAGCCCTGAAAGACC 825
|
|
|
QY 201 ProArgValValGIYgLYgLIuAlaSerValAspSerTrpProTrpGlnValSerIle 220
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|
|
Db 826 CCGGT 885
|
|
|
QY 221 GlnTyrAspLySGlnHisValCysGIYgLYSerIleLeuAspProHisTrpValLeuThr 240
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|
|
Db 886 CAGTACGACAAACAGCACGCTGTGTGGAGGAGCATCTGGACCCCACTGGGTCTTCACG 945
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|
|
QY 241 AlaAlaHisCysPheArgLySHisThrAspValPheAsnTrpLySValArgAlaGIYSer 260
|
|
|
Db 946 GCAGCCCACTGCTTCAGGAAACATACCGATGTGTCAACGAAAGGTGGGGAGGCTCA 1005
|
|
|
QY 261 AspLySLeuGIYSerPheProSerLeuAlaValAlaLySLeIleIleIleGIuPheAsn 280
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|
|
Db 1006 GACAACTGGGAGAGCTTCCATCTCGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1065
|
|
|
QY 281 ProMetTyrProLySAspAenAspIleAlaLeuMetLySLeuGlnPheProLeuThrPhe 300
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|
|
Db 1066 CCATGATACCCCAAGACATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1125
|
|
|
QY 301 SerGIYrThrValArgProIleCysLeuProPhePheAspGlnIuLeuThrProAlaThr 320
|
|
|
Db 1126 TCAGGACAGTCAGGCGCCATCTGTCTGCTTGTGTATGAGAGGCTCACTCCAGCCACC 1185
|
|
|

QY 321 ProLeuTrrpLleIleGIYrPglYpHeThrLySGlnaSnGIYgLYlYmESeSerAsp1le 340
|
|
|
Db 1186 CCACTCGATCATTTGATGGGGCTTTACGAAAGAGATGAGGAAAGATGTCGACATA 1245
|
|
|
QY 341 LeuLeuGlnIaSerValGlnValIleAspSerThrArgCysaAnaIaAspAspAlaTyr 360
|
|
|
Db 1246 CTGCTGAGGCGTCAGTCAGTCATTCAGACGACAGGTCGATTCAGACGATGCGTAC 1305
|
|
|
QY 361 GlnGIYgLIuValThrGIYmESeMetCysAlaGIYlLeProGIuGIYgLYValAspThr 380
|
|
|
Db 1306 CAGGGGAGAGTCACCGAAGATGATGTGCGAGGCATCCCGAAGGGGTGTGACACC 1365
|
|
|
QY 381 CysGIInGIYAspSerGIYgLYProLeuMetTyrGlnSerAspGlnTrrpHisValGIY 400
|
|
|
Db 1366 TGCAGGGGTGACAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGGGCG 1425
|
|
|
QY 401 lIleValSerTrpGIYrYrGIYCySGIYgLYProSerThrProGIYValTyrThrLySVal 420
|
|
|
Db 1426 ATCGTTAGTTGGGGCTGATGGCTGCGGGGGCCGAGCACCCGAGAGTATACCAAGGTC 1485
|
|
|
QY 421 SerAlaTyrLeuAantTrpIleTyrAsnValTrrpLySAlaGIuLeu 435
|
|
|
Db 1486 TCAGCTATCTCACTGGATCTCAATGTCTGAAAGGCTGAGCTG 1530
|
|
|

RESULT 34

US-10-030-688-3
; Sequence 3, Application US/10030688
/ GENERAL INFORMATION:
/ APPLICANT: Merck Patent GmbH

TITLE OF INVENTION: Seripancrin
 FILE REFERENCE: SeripancrinHMS
 CURRENT APPLICATION NUMBER: US/10/030,688
 CURRENT FILING DATE: 2002-01-14
 NUMBER OF SEQ ID NOS: 6
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 3
 LENGTH: 1479
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (1)..(1479)
 US-10-030-688-3

Alignment Scores:

Pred. No.:	Score:	Percent Similarity:	Best Local Similarity:	Query Match:	Length:	Matches:	Conservative:	Mismatches:	Indels:	Gaps:
0	2329.00	100.00%	100.00%	99.44%	1479	432	0	0	0	0

US-10-803-530-2 (1-435) x US-10-030-688-3 (1-1479)

QY 1 Metasp-Proasp-Ser-Asp-Gln-Pro-leu-Asn-Ser-Ileu-Asp-Val-Lys-Pro-leu-Arg-Lys-Pro 20
 DB 1 ATGATCTCTGACAGATCAACCTCTGAACAGCTCTGATGTAACCCCTGGCAAAACCC 60
 QY 21 Arg-Ile-Pro-Met-Glu-Thr-Phe-Arg-Lys-Val-Gly-Ile-Pro-Ile-Ile-Ile-Ile-Ileu-Leu-Ser 40
 DB 61 CGATCCCAAGAGACCTTCAGAAAGGTGGGAGATCCCATCATCATAGCACTACTGAGC 120
 QY 41 Leu-Ile-Ser-Ile-Ile-Ile-Val-Ile-Val-Ileu-Ile-Lys-Val-Ile-Ileu-Asp-Lys-Tyr-Phe 60
 DB 121 CTGGGAGATCATCATTTGTGTGTCTCCATCAAGGATGATCTGATTAATACACTTTC 180
 QY 61 Leu-Cys-Gly-Gln-Pro-Leu-His-Phe-Ile-Pro-Arg-Lys-Gln-Leu-Cys-Asp-Gly-Gln-Leu-Asp 80
 DB 181 CTCTCGGGGACCTCTCCATCTCCATCCGAGAAAGCACTGTGTGACGGAGAGCTGAGC 240
 QY 81 Cys-Pro-Leu-Gly-Gln-Asp-Gln-Ile-His-Cys-Val-Lys-Ser-Phe-Pro-Gln-Ile-Pro-Ile-Val 100
 DB 241 TGTCCCTTGGGGAGAGACAGAGACCTGTGTCAAGAGCTTCCGAAAGGCTTGCAGTG 300
 QY 101 Ala-Val-Arg-Leu-Ser-Lys-Asp-Arg-Ser-Thr-Leu-Gln-Val-Ileu-Asp-Ser-Ile-Thr-Ile-Asn 120
 DB 301 GCAAGTCCGCTCTCCAGAGACCGATCCACATCGCAGGTCTGAGCTCGGCCACAGGAGAC 360
 QY 121 Trp-Phe-Ser-Ile-Cys-Phe-Asp-Phe-Thr-Glu-Ileu-Ile-Glu-Thr-Ile-Cys-Arg-Gln 140
 DB 361 TGTCTCTGCTGCTGTTCACAACTTCCAGAAAGCTCTCGAGAGCAAGCTGTGTGGCAG 420
 QY 141 Met-Gly-Tyr-Ser-Ser-Lys-Pro-Thr-Phe-Arg-Ile-Val-Ile-Gly-Pro-Asp-Gln-Ileu-Asp 160
 DB 421 ATGGGCTACAGACCAACCCACTTTCAGAGCTGTGAGATTTGGCCCAACCAAGATCTG 480
 QY 161 Asp-Val-Ile-Ile-Ile-Thr-Ileu-Asn-Ser-Gln-Ileu-Arg-Met-Arg-Asn-Ser-Gly-Pro 180
 DB 481 GATGTTTGAATATCAAGAAACAGCCAGAGCTTCGATCGGAACTCAAGTGGGCC 540
 QY 181 Cys-Leu-Ser-Gly-Ser-Ileu-Val-Ser-Ileu-His-Cys-Gln-Ile-Cys-Gly-Lys-Ser-Ileu-Lys-Thr 200
 DB 541 TGTCTCTGAGGCTCTCCCTGTGTCTCCCTGCACTGTCTTGGGAGAAAGCTTGAAGACC 600
 QY 201 Pro-Arg-Val-Ile-Ile-Gly-Gln-Ileu-Ile-Asp-Ser-Ile-Pro-Ile-Pro-Ile-Val-Ser-Ile 220
 DB 601 CCCCCTGTGTGGGTGGGAGAGGCTCTGTGATTTCTTGGCTTGGAGGTCAAGATC 660
 QY 221 Gln-Tyr-Asp-Lys-Gln-Ile-Val-Cys-Gly-Gly-Ser-Ile-Leu-Asp-Pro-His-Tyr-Val-Leu-Thr 240
 DB 661 CAGTACGACAAACAGACGCTCTGTGAGAGGAGATCTGGAACCCCACTGGGCTCTCAG 720

QY 241 Ala-Ile-His-Cys-Phe-Arg-Lys-His-Ile-Thr-Asp-Val-Phe-Ile-Thr-Lys-Val-Ile-Gly-Ser 260
 DB 721 GCAGCCCACTGCTTCAGAAACATACCGATGTGTTCATCTGAAGAGTGGGGCAGGCTCA 780
 QY 261 Asp-Lys-Leu-Gly-Ser-Phe-Pro-Ser-Ileu-Ile-Val-Ile-Ile-Ile-Ile-Ile-Ile-Ile-Ile-Ile 280
 DB 781 GACAACTGGGACCTTCCATCTCTGTGTGGCCAGAGATCATCATCATTAATTCAC 840
 QY 281 Pro-Met-Tyr-Pro-Lys-Asp-Asn-Ile-Ile-Ileu-Met-Lys-Leu-Gln-Ile-Phe-Pro-Leu-Thr-Phe 300
 DB 841 CCACTGACCCCAAGACATATGATCGCCCTCATGAGCTGCAAGTCCCATCTTC 900
 QY 301 Ser-Gly-Thr-Val-Arg-Pro-Ile-Cys-Leu-Pro-Phe-Phe-Asp-Gln-Ileu-Thr-Pro-Ile-Thr 320
 DB 901 TCAGGACAGTCAAGCCCATCTGTCTGCTCTTTGATGAGAGCTCACTCCAGCCACC 960
 QY 321 Pro-Leu-Thr-Ile-Ile-Ile-Gly-Tyr-Phe-Thr-Lys-Gln-Ileu-Gly-Lys-Met-Ser-Asp-Ile 340
 DB 961 CCACCTTGATCATTTGATGGGCTTTACGAAGCAAGATGAGAGATGTCTGACATA 1020
 QY 341 Leu-Ile-Gln-Ile-Ser-Val-Ile-Ile-Ile-Ile-Ile-Ile-Ile-Ile-Ile-Ile-Ile-Ile-Ile-Ile 360
 DB 1021 CTGCTGACGGGCTGATGCTCAAGTCAATGACAGCACAGGTGCATGACAGATCCGTAC 1080
 QY 361 Gln-Gly-Ileu-Val-Ile-Thr-Ileu-Lys-Met-Met-Cys-Ile-Ile-Pro-Gln-Ile-Gly-Val-Ile-Thr 380
 DB 1081 CAGGGGAGATCAACGAGAAATGATGTGTGACAGATCCCGAAGGGGGTGTGACACC 1140
 QY 381 Cys-Gln-Ile-Asp-Ser-Gly-Gly-Pro-Leu-Met-Tyr-Gln-Ser-Asp-Gln-Thr-Phe-Ile-Val-Ile 400
 DB 1141 TGCCAGGGTGAACATGTGTGGGCTCCCTGATGACCAATCTGACAGTGCATGTGTGGGC 1200
 QY 401 Ile-Val-Ser-Tyr-Phe-Tyr-Gly-Cys-Gly-Ile-Pro-Ser-Thr-Pro-Gly-Val-Ile-Thr-Lys-Val 420
 DB 1201 ATCGTTACCTGGGTGTATGCTGTGGGGCCCGAGACCCCAAGGATATACCAAGTTC 1260
 QY 421 Ser-Ile-Tyr-Leu-Asn-Thr-Ile-Tyr-Asn-Val-Tyr-Lys 432
 DB 1261 TCAGCTTCTCACTGATCTACATATCTCGAAG 1296

RESULT 35

PCT-US02-08456-634
 Sequence 634, Application PC/TUS0208456

GENERAL INFORMATION:

APPLICANT: ORTHO-CLINICAL DIAGNOSTICS, INC.
 TITLE OF INVENTION: EXPRESSION PROFILES AND METHODS OF USE

FILE REFERENCE: 15117.0187

CURRENT APPLICATION NUMBER: PCT/US02/08456

CURRENT FILING DATE: 2002-03-20

PRIOR APPLICATION NUMBER: 60/276,947

PRIOR FILING DATE: 2001-03-20

NUMBER OF SEQ ID NOS: 805

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 634

LENGTH: 2165

TYPE: DNA

ORGANISM: Homo sapiens

PCT-US02-08456-634

Alignment Scores:

Pred. No.:	Score:	Percent Similarity:	Best Local Similarity:	Query Match:	Length:	Matches:	Conservative:	Mismatches:	Indels:	Gaps:
0	2329.00	99.77%	99.77%	99.44%	2165	435	0	0	1	0

US-10-803-530-2 (1-435) x PCT-US02-08456-634 (1-2165)

QY 1 Metasp-Proasp-Ser-Asp-Gln-Pro-leu-Asn-Ser-Ileu-Asp-Val-Lys-Pro-leu-Arg-Lys-Pro 20
 DB 310 ATGATCTCTGACAGATCAACCTCTGAACAGCTCTGATGTAACCCCTGGCAAAACCC 369

QY 21 ArgIleProMetGlnThrPheArglyValGlyIleProIleIleLeuLeuSer 40
 DB 370 CGTATCCCATGAGACCTTCAGAAAGGTGGGATCCCATATCATCTAGACCTGAGC 429
 QY 41 LeuAlaSerTlleIleValValValLeuIleValIleLeuAspIleTyrPhe 60
 DB 430 CTGGGAGATATCATTTGTGTGTCTTCATCAAGGTGATTCGTGAATTAATCACTTC 489
 QY 61 LeuCySGlyGlnProLeuHisPheIleProArglyGlnLeuCyAspGlyGlnLeuAsp 80
 DB 490 CTCTCGGGGACCTCTCCATCTTCATCCGAGAAAGCTGTGTGACGGAGGCTGGAC 549
 QY 81 CySPoleuGlyGluAspGluGlnHisCyValIlySerPheProGluGlyProAlaVal 100
 DB 550 TGTCCCTTGGGGGAGGAGACGAGGACCTGTTCAGAGAGTTCCCGAAGGGCTGTGACATG 609
 QY 101 AlaValArgLeuSerIleAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
 DB 610 GCAATCCGCTCTCCAGAGACGATCCACATGCAAGGTGTGACTCCGCGCACAGGGAAC 669
 QY 121 TrpPheSerAlaCyPheAspAspPheThrGluAlaLeuAlaGluThrAlaCyArgGln 140
 DB 670 TGGTCTCTGCTCTTTGACACACTTCACAGAGCTTCGCTGACACAGCCTGTAGGCGAG 729
 QY 141 MetGlyTyrSerSerIleProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
 DB 730 ATGGCTCTACAGACCAACCCATTCAGAGCTGTGAGATGGCCAGACCAAGATCTG 789
 QY 161 AspValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyPyr 180
 DB 790 GATGTTGTGAATTCAGAAACAGCCAGAGGCTTGCAATGCGGAATCAAGTGGGACC 849
 QY 180 OCySLeuSerGlySerLeuValSerLeuHisCySLeuAlaCySGlyIlySerLeuIlySth 200
 DB 850 CTGCTCTCAGAGCTCCGTGTCTCCCTGCACATGCTTCCTGTGGAAAGCTCGAAGAC 909
 QY 200 rProArgValValGlyIlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIle 220
 DB 910 CCCCCTGTGTGTGGTGGGAGGAGGCTCTGTGATTCCTGGCCTTGGCAGGTCAAGAT 969
 QY 220 eGlnIlyrAspIlySGlnHisValIlySGlyGlySerIleLeuAspProHisTrpValIleuTh 240
 DB 970 CCAATACAGAAACAGACGCTCTGTGAGGAGGATCTGAGACCCCACTGGGTCTTCAC 1029
 QY 240 rAlaAlaHisCySAspPheArglyHisIsthAspValPheAsnTrpIlySValArgAlaGlySe 260
 DB 1030 GGCAGCCCACTGCTTCAGAAACATACCGATGTGTCAACTGGAAGGTGGGAGGCTC 1089
 QY 260 rAspIlyLeuGlySerPheProSerLeuAlaValAlaIlyIleIleIleGluPheAs 280
 DB 1090 AGACAAACTGGGAGCTTCCATCTGTGCTGTGGCCAGATCATCATTCGAAATTCAA 1149
 QY 280 nProMetTyrProIlyAspAspAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPh 300
 DB 1150 CCCCATGTACCCCAAGACATATGATCGCCCTATGAGCTGTGAGTTCCCACTCACTTT 1209
 QY 300 eSerGlyThrValArgProIleCySLeuProPhePheAspGluGluLeuThrProAlaTh 320
 DB 1210 CTCAGGCAAGTCAAGCCCATCTGTCTGCTTTGATGAGGAGCTCACTCAGGACAC 1269
 QY 320 rProLeuThrIleIleIleIlyrTrpGlyPheThrIlySGlnAsnGlyGlyIlyMetSerAspIle 340
 DB 1270 CCCACTGTGATCATTTGATGGGCTTTTACGAACCAATGAGGGAGAGTGTCTGCAT 1329
 QY 340 eLeuLeuGlnAlaSerValGlnValIleAspSerThrArgCyAsnAlaAspAspAlaTyr 360
 DB 1330 ACTGCTGCAAGCGTCATCTCCAGTCATGTACAGACACGGGTGCAATTCACATGCGTA 1389
 QY 360 rGlnGlyGlyValaThrGluIlyMetMetCySAlaGlyIleProGluGlyGlyValaIlySth 380
 DB 1390 CCAAGGGGAGTCAACCAAGAAAGATGATGTGACGATCCCGAAGGGGTGTGACAC 1449
 QY 380 rCySGlnGlyAspSerGlyGlyIlyProLeuMetTyrGlnSerAspGlnTrpHisValValGln 400

DB 1450 CTGCCAGGTGACAGTGTGGGCCCTGTGATGTACAAATGTGACAGTGGCATGTGTGG 1509
 QY 400 yIleValSerTrpGlyTyrGlyCySGlyGlyProSerThrProGlyValIlyThrIlySVal 420
 DB 1510 CATCGTAGCTGGGCGTATGTGGTGGCGGGGCCGAGACCCCGAGAGTATACCAAGT 1569
 QY 420 lSerAlaTyrLeuAsnTrpIleTyrAsnValITrplySAlaGluLeu 435
 DB 1570 CTGAGCTATCTCAACTGATCTACATATGTCTGAAAGCTGAGCTG 1615
 RESULT 36
 US-10-101-510-634
 ; Sequence 634, Application us/10101510
 ; GENERAL INFORMATION:
 ; APPLICANT: WAN, JACKSON
 ; TITLE OF INVENTION: EXPRESSION PROFILES AND METHODS OF USE
 ; FILE REFERENCE: 15117.0012
 ; CURRENT APPLICATION NUMBER: US/10/101, 510
 ; CURRENT FILING DATE: 2002-03-20
 ; PRIOR APPLICATION NUMBER: 60/276, 947
 ; PRIOR FILING DATE: 2001-03-20
 ; NUMBER OF SEQ ID NOS: 805
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 634
 ; LENGTH: 2165
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-101-510-634
 Alignment Scores:
 Pred. No.: 0 Length: 2165
 Score: 2329.00 Matches: 435
 Percent Similarity: 99.77% Conservative: 0
 Best Local Similarity: 99.77% Mismatches: 0
 Query Match: 99.44% Indels: 1
 DB: 42 Gaps: 0
 US-10-803-530-2 (1-435) x US-10-101-510-634 (1-2165)
 QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValIlySPoleuArglySthPro 20
 DB 310 ATGATCTTGACAGATGATCACTTGACAGACCTGTGATGTCAAAACCTTGCGAAACCC 369
 QY 21 ArgIleProMetGlnThrPheArglyValGlyIleProIleIleLeuLeuSer 40
 DB 370 CGTATCCCATGAGACCTTCAGAAAGGTGGGATCCCATATCATATGACCTAGAC 429
 QY 41 LeuAlaSerTlleIleValValValLeuIleValIleLeuAspIleTyrPhe 60
 DB 430 CTGGGAGATATCATTTGTGTGTCTTCATCAAGGTGATTCGTGAATTAATCACTTC 489
 QY 61 LeuCySGlyGlnProLeuHisPheIleProArglyGlnLeuCyAspGlyGlnLeuAsp 80
 DB 490 CTCTCGGGGACCTCTCCATCTTCATCCGAGAAAGCTGTGTGACGGAGGCTGGAC 549
 QY 81 CySPoleuGlyGluAspGluGlnHisCyValIlySerPheProGluGlyProAlaVal 100
 DB 550 TGTCCCTTGGGGGAGGAGACGAGGACCTGTTCAGAGAGTTCCCGAAGGGCTGTGACATG 609
 QY 101 AlaValArgLeuSerIleAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
 DB 610 GCAATCCGCTCTCCAGAGACGATCCACATGCAAGGTGTGACTCCGCGCACAGGGAAC 669
 QY 121 TrpPheSerAlaCyPheAspAspPheThrGluAlaLeuAlaGluThrAlaCyArgGln 140
 DB 670 TGGTCTCTGCTCTTTGACACACTTCACAGAGCTTCGCTGACACAGCCTGTAGGCGAG 729
 QY 141 MetGlyTyrSerSerIleProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
 DB 730 ATGGCTCTACAGACCAACCCATTCAGAGCTGTGAGATGGCCAGACCAAGATCTG 789

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QY 161 AspValValGluIleThrGluAsnSerGlnGlu-LeuArgMetArgAsnSerGlyPr 180
DB 790 GATGTGTTGAATCAAGAAACAGGAGGCTTGCACTGGGAACTCAAGTGGGCC 849
QY 180 oCyLeuSerGlySerLeuValSerLeuHisCyLeuValaCySgLylySerLeuYsth 200
DB 850 CTGTCTCTCAGGCTCCCTGGTCTCCCTCACTGTCTTCTGTGGGAAGAGCTGAAGAC 909
QY 200 rProArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSer11 220
DB 910 CCCCCTGTGTGGTGGGAGGAGGCTCTGTGTGATCTTGGCTTGGCGAGCTCAGCAT 969
QY 220 eGlnTyrAspLySerGlnHisValaCySgLylySer11LeuAspProHisTrpValLeuTh 240
DB 970 CCAGTACGACAAACAGCAGCTGTGGAGAGAGCATCTGAGACCCCACTGGGCTCTAC 1029
QY 240 rAlaAlaHisCySphArgLylySH:sthAspValPheAsnTrpLySValArgAlaGlySe 260
DB 1030 GGCAAGCCCACTGCTTCAGGAAACATCCGATGTGTTCACTGGAAGTGGGGGAGGCTC 1089
QY 260 rAspLySerGlySerPheProSerLeuAlaValaAlaYs11e11e11e11e11e11e 280
DB 1090 AGACAAACTGGGAGCTTCCCATCCCTGGCTGTGGCAAGATCATCATTTGAATTCAA 1149
QY 280 nProMetTyrProLyAspAsnAsp11AlaLeuMetLySerGlnPheProLeuThPh 300
DB 1150 CCCCATGTACCCCAAGCAATGACATGCTCCCTCAATGAGAGCTGCACTCACTTT 1209
QY 300 eSerGlyThrValArgProIleCyLeuProPhePheAspGlnGluLeuThProAlaTh 320
DB 1210 CTCAGGACACTGAGGCCCATCTGTCTGCTCTTTATAGAGGCTCACTCCAGCCAC 1269
QY 320 rProLeuTrp11e11e11e11e11e11e11e11e11e11e11e11e11e11e11e11e 340
DB 1270 CCCACTGTGATCATTTGATGGGGCTTACGAAGCAGATGAGGAGGAGTGTGACAT 1329
QY 340 eLeuLeuGlnAlaSerValGlnVal11leAspSerThrArgCySAsnAlaAspAlaTy 360
DB 1330 ACTGTGAGGCGGTGATTCAGTTCATTGACAGCAGCGTGCATATGACAGATGCGTA 1389
QY 360 rGlnGlyGlyValThrGluLyMetMetCySAlaGly11eProGlnGlyValaAspTh 380
DB 1390 CCAAGGAGAGTCAACCGAAGATATGTGTCAAGCATCCGGAAGGGGTGTGACAC 1449
QY 380 rCySglnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValaG1 400
DB 1450 CTGCCAGGGTACATGATGGGGCCCTGATGTACCAATCTGACAGTGGCATGTGGGG 1509
QY 400 y11eValSerTrpGlyTyrGlyCySgLylyProSerThrProGlyValaTyrThrLyVa 420
DB 1510 CATCTTGTGCTGGGCTATGTGTGGGGGCCCGAGCACCCCAAGAGTATACCAAGGT 1569
QY 420 lSerAlaTyrLeuAsnTrp11eTyrAsnValTrpYsAlaGluLeu 435
DB 1570 CTCACCTATCTCAACTGATCTACAAATGTGAAAGCTGAGCTG 1615

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RESULT 37
US-11-146-198-634

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; Sequence 634, Application US/11146198
; GENERAL INFORMATION:
; APPLICANT: MAN, JACKSON
; APPLICANT: WANG, YIXIN
; TITLE OF INVENTION: EXPRESSION PROFILES AND METHODS OF USE
; FILE REFERENCE: 15117.0012
; CURRENT APPLICATION NUMBER: US/11/146.198
; CURRENT FILING DATE: 2005-06-07
; PRIOR APPLICATION NUMBER: US/10/101.510
; PRIOR FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: 60/276,947
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 805
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 634

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; LENGTH: 2165
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-146-198-634
Alignment Scores:
Pred. No.: 0
Score: 2329.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Query Match: 99.44%
DB: 71
Gaps: 0
US-10-803-530-2 (1-435) x US-11-146-198-634 (1-2165)
QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLySerProLeuAspLySerPro 20
DB 310 ATGGATCTCTGACAGTGTATCAACCTCTGMAAGGCTCTGATGTCAACCCCTGCGCAAACTCC 369
QY 21 Arg11eProMetGlnTrpPheArgLySValGly11eProIle11e11e11e11e11e11e11e 40
DB 370 CGTATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGCACTACTAGC 429
QY 41 LeuAlaSer11e11e11e11e11e11e11e11e11e11e11e11e11e11e11e11e 60
DB 430 CTGGGAGTATCATCATTTGTGTGTCTCTCATCAAGGTGATTTGTGATTAATACTACTTC 489
QY 61 LeuCySgLylyGlnProLeuHisPhe11eProArgLySglnLeuCySAspGlyGluLeuAsp 80
DB 490 CTGTGGGCGGAGCTCTTCCATCTTCATCCCGAGGAGCGTGTGTGAGGAGAGCTGGAC 549
QY 81 CySProLeuGlyGlyAspGlyGluHisCySValLySerPheProGlnGlyProAlaVal 100
DB 550 TGTCTCTTGGGAGAGAGAGAGAGCATGTGTTCAGAGCTTCCCGAAGGGCTGTGACTG 609
QY 101 AlaValArgLeuSerLyAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
DB 610 GCAATCCGCTCTCCAAAGACGATTCACATGAGCGGTGTGAGACTCGGCCCAAGGAGAC 669
QY 121 TrpPheSerAlaCySphAspAsnPheThrGluAlaValaGly11eThrAlaCySArgGln 140
DB 670 TGGTCTCTGCTGTGTTCAGCAACTTCACAGAGCTCTGCTGAGACAGCTGTAGGAG 729
QY 141 MetGlyTyrSerSerLyProThrPheArgAlaValaGly11eProAspGlnAspLeu 160
DB 730 ATGGCTTACAGAGAAACCACTTCAAGCTGTGAGATTTGCCCAAGACCAAGATCTG 789
QY 161 AspValValGluIleThrGluAsnSerGlnGlu-LeuArgMetArgAsnSerGlyPr 180
DB 790 GATGTGTTGAATCAAGAAACAGGAGGCTTGCACTGGGAACTCAAGTGGGCC 849
QY 180 oCyLeuSerGlySerLeuValSerLeuHisCyLeuValaCySgLylySerLeuYsth 200
DB 850 CTGTCTCTCAGGCTCCCTGGTCTCCCTCACTGTCTTCTGTGGGAAGAGCTGAAGAC 909
QY 200 rProArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSer11 220
DB 910 CCCCCTGTGTGGTGGGAGGAGGCTCTGTGTGATCTTGGCTTGGCGAGCTCAGCAT 969
QY 220 eGlnTyrAspLySerGlnHisValaCySgLylySer11LeuAspProHisTrpValLeuTh 240
DB 970 CCAGTACGACAAACAGCAGCTGTGGAGAGAGCATCTGAGACCCCACTGGGCTCTAC 1029
QY 240 rAlaAlaHisCySphArgLylySH:sthAspValPheAsnTrpLySValArgAlaGlySe 260
DB 1030 GGCAAGCCCACTGCTTCAGGAAACATCCGATGTGTTCACTGGAAGTGGGGGAGGCTC 1089
QY 260 rAspLySerGlySerPheProSerLeuAlaValaAlaYs11e11e11e11e11e11e 280
DB 1090 AGACAAACTGGGAGCTTCCCATCCCTGGCTGTGGCAAGATCATCATTTGAATTCAA 1149
QY 280 nProMetTyrProLyAspAsnAsp11AlaLeuMetLySerGlnPheProLeuThPh 300

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Db	1150	CCCCATGTAACCCCAAGACATATACATGCGCCCTCATATGAAGTCGACGTTCCCATCTACCTTT	1209
Qy	300	eSerGIyThValArgProIIeCysLeuProPheAspGIuGIuLeuThrProAlaTh	320
Db	1210	CTCAGGACAGTCAGGCCCATCTGTCTGCGCCCTTGTGATGAGAGGCTCATCTCAGGCAC	1269
Qy	320	rProLeuTrpIIeIIeGIyTrpGIyPheThrIyGlnAsnGIyGIyIySmetSerAspII	340
Db	1270	CCCATCTGAGTCAATGATGGGCGCTTTACGAAGCAATGGAAGGAAAGTCTGACAT	1329
Qy	340	eLeuLeuGlnAlaSerValGlnValIIleAspSerThrArgCysAsnIIaAspAlaIy	360
Db	1330	ACTGCTGCAGGGCGTCAgTCCAGGTCATTTGACAGCACAGCGTGCATGACAGCATGCGCTA	1389
Qy	360	rGlnGIyGIuValThGIuIySmetCetCysAlaGIyIIeProGIuGIyGIyValAspTh	380
Db	1390	CCAGGGGGAAGTCACCGAGAAAGATGATGTGTGCAGGAGTCCCGAAGGGGCGTGTGGACAC	1449
Qy	380	rCysGlnGIyAspSerGIyGIyIyProLeuMetIyTrGIuSerAspGlnTrpHISValValGI	400
Db	1450	CTGCCAGGGGTGAAGTGGTGGGCCCTCGATGTACCAATCTGACCAAGTGGCAATGTGGTGGG	1509
Qy	400	yIIeValSerTrpGIyTrGIyCysGIyGIyIyProSerThrProGIyValIyTrThrIySva	420
Db	1510	CATCGTTACTGGGGGCTATGCTGCTGGGGGGCCGAGACCCCAAGAGATACACCAAGT	1569
Qy	420	IserAlaIyTrLeuAsnTrpIIeTrYrAsnValTrpIyAlaGIuLeu	435
Db	1570	CTCAGGCTATCTCACTGATCTTACATATGCTCGAAGGCTGAGCTG	1615

RESULT 38
PCT-US05-22501-4335
! Sequence 4335, Application PC/TUS0522501

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/ APPLICANT: Avalon Pharmaceuticals
/ TITLE OF INVENTION: Determining Cancer-Linked Gene and Therapeutic Targets Using
/ TITLE OF INVENTION: Molecular Cytogenetic Methods
/ FILE REFERENCE: 689290-249
/ CURRENT APPLICATION NUMBER: PCT/US05/22501
/ CURRENT FILING DATE: 2005-07-07
/ PRIOR APPLICATION NUMBER: 60/581,699
/ PRIOR FILING DATE: 2004-06-23
/ NUMBER OF SEQ ID NOS: 7840
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 4335
/ LENGTH: 2108
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: CDNA sequence
PCT-US05-22501-4335

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Alignment Scores:	
Pred. No.:	0
Score:	2328.00
Percent Similarity:	99.77%
Best Local Similarity:	99.77%
Query Match:	99.40%
DB:	3
Length:	2108
Matches:	433
Conservative:	0
Mismatches:	1
Indels:	0
Gaps:	0

US-10-803-530-2 (1-435) x PCT-US05-22501-4335 (1-2108)

QY	2	AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg	21
Db	262	GATCTCGAAGGATCAACCTCTGAACAGGCTGAGTCAACACCCCTGGGCACAAACCCGT	321
QY	22	IleProMetGlnThrPheArgIysValIglyIleProIleIleIleAlaLeuSerLeu	41
Db	322	ATCCCATGAGAACCTTCAAGAAAGTGGGGATCCCATCATCATAGACACTAGAGGCTG	381
QY	42	AlaSerIleIleIleValValValLeuIleIleValIleLeuAspIysIlyrIyrPheLeu	61
Db	382	GGAGAGATCATCATTTGTGTGGTCCCATCAAGAGTGATTTGTGATAAATCTACTCTTC	441

QY	62	CysGlyValInProLeuNH1SerPheLeuProArgGlyGlnLeuGlyCysAspArgGlyGlyGlyLeuAspGlyCys	81
Db	442	TGCAGGACAGCTCTCCACCTTCATCCGAGGAGACGCTGTGTGAACGAGACTGGACTGT	501
QY	82	ProLeuGlyGlyIAspArgGlnGlnHisCysValIlySerPheProGlnGlyProAlaValAla	101
Db	502	CCCTTTGGGGGAGACGAGGAGACATGTGTCAAGAGCTTCCCGGAGGGGCTGCAGTGGCA	561
QY	102	ValArgLeuSerIlyAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyValSerThr	121
Db	562	GTCCGCGCTTCCAGAGACCCATGCCACTGAGGTGTGGACTGTGGCCACAGGGAACTGG	621
QY	122	PheSerAlaCysPheAspAsnPheThrGlyAlaLeuAlaGlnThrAlaCysArgGlnMet	141
Db	622	TTCTCTGGCTGTTCGACAACTTCACAGAGAGCTTCGCTGACAGAGCTGTAGGCAATG	681
QY	142	GlyTyrSerSerIlyProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161
Db	682	GGCTACAGACAGCAAAACCCACTTTCAGAGCTGTGGAGATTGGCCAGACAGAACTTGAT	741
QY	162	ValValGlnIleThrGlnIAsnSerGlnGlyLeuArgMetArgAsnSerSerGlyProCys	181
Db	742	GTGTGTGAATACAGAAACAGACCCAGAGCTTCGCATTCGGAACTAAAGTGGGCTGT	801
QY	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlySerLeuIlyThrPro	201
Db	802	CTCTCAGGCTCCCTGTCTCCCTCCACATGTCTTCCGTGGGGAAGACCTGAAACCCCC	861
QY	202	ArgValValGlyGlyGlnGlnIAsnSerValAspSerThrProThrGlnIValSerIleGln	221
Db	862	CGTGTGGTGGGTGTGAGAGAGAGCTCTGTGGATTCTTGGCTTGGACGTTCAGATCCAG	921
QY	222	TyrAspIlySerGlnHisValCysGlyGlySerIleLeuAspProHisThrValLeuThrAla	241
Db	922	TACGACAAACAGCAAGCTCTGTGAGAGGAGCATCTGGACCCCACTGGGTCTTCAGGCA	981
QY	242	AlaHisCysPheArgGlyHisIleThrAspValPheAsnThrIlySerValAlaGlyIleSerAsp	261
Db	982	GCCCACTGCTTCCAGAAACATACGAGATGTGTTCACCTGGAAGGTGGCGGACGGTCCAGAC	1041
QY	262	LysLeuGlySerPheProSerLeuAlaValAlaIlyIleIleIleGlnPheAspPro	281
Db	1042	AAACTGGGAGACTTCCCATCCCTGGCTGTGGCCAGATCATCATTTGAATTCAACCC	1101
QY	282	MetTyrProIlyAspAsnAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPheSer	301
Db	1102	ATGTACCCCAAGACAATGATCATGCGCTTCATGAAGCTGCAGTTCCCACTCATCTTCTCA	1161
QY	302	GlyThrValAspProIleCysLeuProPhePheArgGlnGlyLeuThrProAlaThrPro	321
Db	1162	GGCAAGTCAGAGCCCATCTGTCTGCCCTTCTTTATGAGGACTCACTCCAGCCACCCCA	1221
QY	322	LeuThrIleIleIleGlyTyrGlyPheThrIlyGlnAsnGlyGlyIlyMetSerAspIleLeu	341
Db	1222	CTCTGGATCATTTGATGGGGCTTTACAGAGCAGATGGAGGAAAGATGTCTGACATCTG	1281
QY	342	LeuGlnAlaSerValGlnValIleLeuAspSerThrArgCysAsnAlaAspAspAlaTyrGln	361
Db	1282	CTGCAGGCGGTACAGTCCAGGTCAATTGACAGCAACAGGTGCATGTGACAGAGCGATCCAG	1341
QY	362	GlyGlyValIleThrGlyIlyMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys	381
Db	1342	GGGGAAGTCACCGAGAAATATGTGTGACAGCATCCCGGAAGGGGGTGTGGACACTGC	1401
QY	382	GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnThrPheValValGlyIle	401
Db	1402	CAGGCTGACAGTGGGGGCGCCCTGATGTACCAATCTGCACAGTGGCATGTGTGGGCAATC	1461
QY	402	ValSerThrGlyTyrGlyCysGlyGlyProSerThrProGlyValIlyThrIlyValSer	421
Db	1462	GTTAATTGTGGGCTAATGGCTGGCGGGGGCCGAGACCCCGAGAGATACACCAAGGTCTCA	1521

QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIleValAsnGluLeu 435
 Db 1522 GCCTATCTCACTGATGATCTACAAATGTCTGAAAGCTGAGCTG 1563
 RESULT 39
 US-10-170-235-14349
 ; Sequence 14349, Application US/10170235
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig
 ; TITLE OF INVENTION: KITS, SUCH AS NUCLEIC ACID ARRAYS, COMPRISING A MAJORITY OF HUMAN
 ; TITLE OF INVENTION: TRANSCRIPTS, FOR DETECTING EXPRESSION AND OTHER USBS THEREOF
 ; FILE REFERENCE: CL001380
 ; CURRENT APPLICATION NUMBER: US/10/170,235
 ; CURRENT FILING DATE: 2003-03-17
 ; NUMBER OF SEQ ID NOS: 42514
 ; SEQ ID NO 14349
 ; LENGTH: 2112
 ; TYPE: DNA
 ; ORGANISM: HUMAN
 US-10-170-235-14349
 Alignment Scores:
 Pred. No.: 0 Length: 2112
 Score: 2328.00 Matches: 433
 Percent Similarity: 99.77% Conservative: 0
 Best Local Similarity: 99.77% Mismatches: 1
 Query Match: 99.40% Indels: 0
 DB: 42 Gaps: 0
 US-10-803-530-2 (1-435) x US-10-170-235-14349 (1-2112)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgIleProArg 21
 Db 266 GATCCTGACAGTGAACCACTCTGAAACAGCCTCGATGCTCAAAACCCCTCGCAAAACCCGT 325
 QY 22 IleProMetGluThrPheArgIleValIleProIleIleIleAlaLeuSerLeu 41
 Db 326 ATCCCATGAGAGACCTTCAGAAAGGTGGGATCCCATCATCATCATGACTGAGCTG 385
 QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleValIle 61
 Db 386 GCGAGTATCATCATGTGTGTGTCTCTCATCAAGGATTCGATTAATTAATTAATTAATTAAT 445
 QY 62 CysGlyGlnProLeuHisPheIleProArgIleGlnLeuCysAspGlyIleLeuAspCys 81
 Db 446 TCGGGGAGCCTCTCTCACTTCAATCCCGAAGAGACGCTGTGACGAGAGAGCTGACTGT 505
 QY 82 ProLeuGlyIleAspGlyGlnHisCysValIleYserPheProGlyIleProAlaValAla 101
 Db 506 CCTTGGGGGAG 565
 QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 Db 566 GTCCGCTCTCTCAAG 625
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 626 TTCTGTGCTGT 685
 QY 142 GlyTyrSerSerIleProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 686 GGCCTACAGACAGAAACCACTTTCAGAGCTGTGAGAGATTTGGCCAGACAGAGATTTGAT 745
 QY 162 ValValGluIleThrGluAsnSerGlnLeuAspMetArgAsnSerSerGlyProCys 181
 Db 746 GTTGTGTAATCAAGAAACAG 805
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIleSerLeuIleThrPro 201
 Db 806 CTCTAGGCTCTCTGTCTCTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 865
 QY 202 ArgValValGlyIleGluIleAspSerValAspSerTrpProTrpGlnValSerIleGln 221

Db 866 CGTGTGGGGGTGTGGAG 925
 QY 222 TyrAspIleGlnHisValCysGlyIleSerIleLeuAspProHisTrpValIleThrAla 241
 Db 926 TACGACAAACAGACAGCTGTGTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 985
 QY 242 AlaHisCysPheAspArgIleHisThrAspValPheAsnTrpIleValArgAlaGlySerAsp 261
 Db 986 GCCACAGCTCTCAGAGAAACATACCGATGTGTCACTGAAAGGTGGGGAGGCTCAGAC 1045
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleIleGluPheAsnPro 281
 Db 1046 AAACGGGAGAGCTTCCATCTCTGCTGTGTCGCAAGATCATCATCATTTGATTAACCCC 1105
 QY 282 MetTyrProIleAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1106 ATGTACCCCAAAAGACATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1165
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluIleValThrProAlaThrPro 321
 Db 1166 GGCACAGTCAAGCCCATCTGTCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1225
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIleGlnAsnGlyIleYleYleYleYleYleYle 341
 Db 1226 CTCTGATCATGTGATGGGCTTTTACAGAGCAATGGAGGAGAGATGTCTGACATTA 1285
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
 Db 1286 CTGACAGGCTGATGCTCAGATCATGTGACAGACAGAGGTGCATGACAGAGAGAGAGAG 1345
 QY 362 GlyIleValThrGluYleMetMetCysAlaGlyIleProGluIleGlyValAspThrCys 381
 Db 1346 GGGAGAGTCAACGAGAGAGATGATGTGACAGAGATCCCGAAGGGGGGTGTGACACCTGC 1405
 QY 382 GlnGlyAspSerGlyIleProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
 Db 1406 CAGGTGACAGTGTGGGCTCTGATGTACCAATCTGACAGGTGATGTGTGTGTGTGTGTGT 1465
 QY 402 ValSerTrpGlyIleArgIleCysGlyIleProSerThrProGlyValIleThrIleValSer 421
 Db 1466 GTTGTGTGGGCTATGGCTGTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 1525
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIleValAsnGluLeu 435
 Db 1526 GCCTATCTCACTGATCTCAAAATGTCTGAAAGCTGAGCTG 1567
 RESULT 40
 US-10-417-375-141
 ; Sequence 141, Application US/10417375
 ; GENERAL INFORMATION:
 ; APPLICANT: David W. Morris
 ; APPLICANT: Marc Malandro
 ; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
 ; FILE REFERENCE: 529452001600
 ; CURRENT APPLICATION NUMBER: US/10/417,375
 ; CURRENT FILING DATE: 2003-04-15
 ; NUMBER OF SEQ ID NOS: 176
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 141
 ; LENGTH: 2627
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-417-375-141
 Alignment Scores:
 Pred. No.: 0 Length: 2627
 Score: 2328.00 Matches: 433
 Percent Similarity: 99.77% Conservative: 0
 Best Local Similarity: 99.77% Mismatches: 1
 Query Match: 99.40% Indels: 0
 DB: 51 Gaps: 0
 US-10-803-530-2 (1-435) x US-10-417-375-141 (1-2627)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlyspProLeuArygProArg 21
 Db 266 GATCCTGACAGTGAACCTCTGAAACAGCCTCGATGCTCAAAACCCCTGCCAAACCCCGT 325
 QY 22 IlePrometGlnThrPheArgIysValGlyIleProIleIleIleAlaLeuSerLeu 41
 Db 326 ATCCCAATGAGACCTTCAGAAAGTGGAGATCCCATCATCATATGACATGAGCCTG 385
 QY 42 AlaserIleIleIleValIleValIleuIleIysValIleLeuAspIlyTyTyPheLeu 61
 Db 386 GCGAGTATCATCATGTGGTGTCTCATCAAGGTGATTCGATTAATACTACTTCTCTC 445
 QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyIlyLeuAspCys 81
 Db 446 TGCAGGAGGCTCTCCACTTCATCCCAAGAAAGAGCTGTGTGACGAGAGCTGAGCTGT 505
 QY 82 ProLeuGlyIlyAspGlyIlyIleHisCysValIlySerPheProGlyIlyProAlaValAla 101
 Db 506 CCTTGGGGGAGGACGAGAGACCTGTGTCAAGAGCTTCCCGAAGGCTGCGAGTGGCA 565
 QY 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db 566 GTCCGCTCTCCAAAGACCGATCCACACTGCAAGGTGCTGACTCGCCACAGGGAACTGG 625
 QY 122 PheSerAlaCysPheAspAsnPheThrGlyAlaLeuIleGlyIlyProAlaCysArgGlnMet 141
 Db 626 TTCCTGCTGTTCGACAACTTCACAAAGCTCTCGCTGACAGAGCTGTGAGGCAATG 685
 QY 142 GlyTySerSerIlyProThrPheArgAlaValGlyIleGlyProAspGlnAspLeuAsp 161
 Db 686 GGCCTACAGACGAAACCACTTTCAGAGCTGTGAGATTTGGCCCAAGACAGAGATCTGGAT 745
 QY 746 GTTGTGAAATCAGAGAAACAGCAGAGAGCTTCGATCCGAACTCAAGTGGGCTCTGT 805
 QY 162 ValValGlyIleThrGlyAsnSerGlnIlyLeuArgMetArgAsnSerSerGlyProCys 181
 Db 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlySerLeuIlyThrPro 201
 QY 806 CTCCTGAGGCTCTCGGTCTCCCTGCACTGTCTGTCTGTGAGAAAGCTGAAAGACCC 865
 QY 202 ArgValValGlyIlyGlyIlyAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 866 CGTGTGGGTGTGAGAGAGGCTCTGTGATTTCTTGGCTTGGCAGGTGAGATCCAG 925
 QY 222 TyrAspIlyGlnHisValCysGlyIlySerIleLeuAspProHisTrpValIleuThrAla 241
 Db 926 TACGACAAACAGACGCTGTGAGAGGAGCATCCGAGACCCCACTGGGTCTCTCAGCGCA 985
 QY 242 AlaHisCysPheArgIlyHisThrAspValPheAsnTrpIlyValArgAlaGlySerAsp 261
 Db 986 GCCCACTGCTTCAGAAACATACCGATGTGTCACTGAAAGTGGGGCAGCTCAAGC 1045
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIlySerIleIleIleGlyPheAsnPro 281
 Db 1046 AAACCTGGGACGCTTCCATCTCTGGCTGTGGCAAGATCATCATTTGAATCAACCCC 1105
 QY 282 MetTyTyProIlyAspAsnAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPheSer 301
 Db 1106 ATGTACCCCAAGAAACATGACATCCCTCATGAAAGCTGCAAGTTCCTCATCTTTC 1165
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlyIlyLeuThrProAlaThrPro 321
 Db 1166 GGCACAGTACGAGCCATGTGTGCTGTCTTGTATGAGAGCTCACTCCAGCCACCCCA 1225
 QY 322 LeuTrpIleIleGlyTyTyPheThrIlyGlnAsnGlyIlyIlyMetSerAspIleLeu 341
 Db 1226 CTCCTGATCATTTGATGGGCTTTTCAAGAGCAAGATGAGGAGATGTCTGACATCTG 1285
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyTrpGln 361
 Db 1286 CTGACAGGCTCAGCTCAGGTGATGACAGCAACGCTGCAATGACAGACGATCGTACAG 1345

QY 362 GlyIlyValIleThrGlyIlyMetMetCysAlaGlyIleProGlyIlyGlyValAspThrCys 381
 Db 1346 GGGGAACTACCGAGAAAGTATGTGTGACGCAATCCCGAAGGGGTGTGACACTTC 1405
 QY 382 GlnGlyAspSerIlyGlyProLeuMetTyTyGlnSerAspGlnTrpHisValValGlyIle 401
 Db 1406 CAGGTGACAGTGTGGGCCCTGATGTACCAATCATGACAGTGGCATGTGGTGGCATTC 1465
 QY 402 ValSerTrpGlyTyTyCysGlyIlyProSerThrProGlyValTyThrIlyValSer 421
 Db 1466 GTTAGTTGGGCTATGTGTGGGGGCCCGAGACCCCAAGACTATACCAAGGTCTCA 1525
 QY 422 AlaTyLeuAsnTrpIleTyAsnValTrpIlyAlaGlyLeu 435
 Db 1526 GCTATCTCACTGATCTACATGTCTGGAAGCTGAGACTG 1567
 Db 1526 GCTATCTCACTGATCTACATGTCTGGAAGCTGAGACTG 1567
 RESULT 41
 US-10-417-375A-141
 ; Sequence 141, Application US/10417375A
 ; GENERAL INFORMATION:
 ; APPLICANT: David W. Morris
 ; APPLICANT: Marc Malandro
 ; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
 ; FILE REFERENCE: 529452001600
 ; CURRENT APPLICATION NUMBER: US/10/417,375A
 ; CURRENT FILING DATE: 2003-04-15
 ; NUMBER OF SEQ. ID NOS: 176
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 141
 ; LENGTH: 2627
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-417-375A-141
 Alignment Scores:
 Pred. No.: 0 Length: 2627
 Score: 2328.00 Matches: 433
 Percent Similarity: 99.77% Conservative: 0
 Best Local Similarity: 99.77% Mismatches: 1
 Query Match: 99.40% Indels: 0
 DB: 51 Gaps: 0
 US-10-803-530-2 (1-435) x US-10-417-375A-141 (1-2627)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlyspProLeuArygProArg 21
 Db 266 GATCCTGACAGTGAACCTCTGAAACAGCCTCGATGCTCAAAACCCCTGCCAAACCCCGT 325
 QY 22 IlePrometGlnThrPheArgIysValGlyIleProIleIleIleAlaLeuSerLeu 41
 Db 326 ATCCCAATGAGACCTTCAGAAAGTGGAGATCCCATCATCATATGACATGAGCCTG 385
 QY 42 AlaserIleIleIleValIleValIleuIleIysValIleLeuAspIlyTyTyPheLeu 61
 Db 386 GCGAGTATCATCATGTGGTGTCTCATCAAGGTGATTCGATTAATACTACTTCTCTC 445
 QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyIlyLeuAspCys 81
 Db 446 TGCAGGAGGCTCTCCACTTCATCCCAAGAAAGAGCTGTGTGACGAGAGCTGAGCTGT 505
 QY 82 ProLeuGlyIlyAspGlyIlyIleHisCysValIlySerPheProGlyIlyProAlaValAla 101
 Db 506 CCTTGGGGGAGGACGAGAGCACTGTGTCAAGAGCTTCCCGAAGGCTGCGAGTGGCA 565
 QY 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db 566 GTCCGCTCTCCAAAGACCGATCCACACTGCAAGGTGCTGCACTGGCCACAGGAACTGG 625
 QY 122 PheSerAlaCysPheAspAsnPheThrGlyAlaLeuIleGlyIlyProAlaCysArgGlnMet 141
 Db 626 TTCCTGCTGTTCGACAACTTCACAAAGCTCTCGCTGACAGAGCTGTGAGGCAATG 685
 QY 142 GlyTySerSerIlyProThrPheArgAlaValGlyIleGlyProAspGlnAspLeuAsp 161


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Db      686 GGCCTACGACGACAAACCACTTTCAGAGCTGTGAGATGTGGCCAGACAGACTGTGAT 745
Qy      162 ValValGluIleThrgluAasnSerGlnGluLeuArgMetArgAasnSerSerGlyProCys 181
Db      746 GTTCTTGAATCAGCAAGAAACAGCCAGAGAGCTTGCATGCGGAACTCAAGTGGGCCCTGT 805
Qy      182 LeuSerGlySerLeuValSerLeuHisCysAlaLeuAlaCysGlyIlySerLeuLeuThrPro 201
Db      806 CTCACAGGCTCCCTGGTCTCCCTGCACATGCTTGGTGGAGAGAGCTTAAGACCCCC 865
Qy      202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
Db      866 CGTGTGGTGGGTGTGGAGAGAGAGCCCTCTGTGATCTTGGCTTGGCAGGTACAGATCCAG 925
Qy      222 TyrAspGlyGlnHisValCysGlyIlySerIleLeuAspProHisTrpValLeuThrAla 241
Db      926 TACGACAAACAGCAGCTGTGTGGAGGAGCATCTCGACCCCACTGGGTCTTCAACGGCA 985
Qy      242 AlaHisCysPheArgGlyHisIleThrAspValPheAsnTrpValArgAlaGlySerAsp 261
Db      986 GCCCAGCTGCTTCAGAGAAACATACCGATGTGTCACTGGAAGGTGCGGCAAGCTCAAC 1045
Qy      262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db      1046 AACCTGGGACGCTTCCATCCCTGGCTGTGGCCAGATCATCATTAATTTCAACCCC 1105
Qy      282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db      1106 ATGTACCCCAAGCAATGACATGCGCTCATGAAAGCTGCAAGTTCCACTCACTTTC 1165
Qy      302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db      1166 GGCACAGTCAGGCCATCTGTCTGCCCTTGTGATGAGAGCTCACTCCAGCCCA 1225
Qy      322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyIlyLysMetSerAspIleLeu 341
Db      1226 CTCGTGATCATGTGATGGGCTTTACGAAAGCAAGATGAGAGGAGATGTCTGACATCTG 1285
Qy      342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db      1286 CTGCAAGGCTGATCTCAAGTCAATTCACAGCAACGCTGCATGCAAGAGATGCGTACCG 1345
Qy      362 GlyGluValIleThrgluLysMetMetCysAlaGlyIleProGluGlyIlyValAspThrCys 381
Db      1346 GGGGAGTCACCGAAGATGATGTGTGACGATCCCGAAGGGGTGTGGACACCTGC 1405
Qy      382 GlnGlyAspSerGlyIlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
Db      1406 CAGGTGTACAGTGTGGGCCCCCTGATGTACCAATCTGACCAAGTGGCATGTGTGGCATC 1465
Qy      402 ValSerTrpGlyIlyGlyCysGlyIlyProSerThrProGlyValIlyThrLysValSer 421
Db      1466 GTTACTTGGGGCTATGCTGCGGGGCCCCGAGCACTCCAGAGTATACCAAGTCTTCA 1525
Qy      422 AlaTyrLeuAsnTrpIleTyrAsnValIleTyrLysAlaGluLeu 435
Db      1526 GCGTATCTCACTGATCTACAAATGTCTGGAAGCTGAGCTG 1567

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RESULT 42

US-10-417-375B-141

; Sequence 141, Application US/10417375B

; GENERAL INFORMATION:

; APPLICANT: David W. Morris

; APPLICANT: Marc Malandro

; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer

; FILE REFERENCE: 529452001600

; CURRENT APPLICATION NUMBER: US/10/417,375B

; CURRENT FILING DATE: 2003-04-15

; NUMBER OF SEQ ID NOS: 176

; SOFTWARE: FaastSeq for Windows Version 4.0

; SEQ ID NO 141

; LENGTH: 2627

;

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; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-417-375B-141
Alignment Scores:
Pred. No.: 0
Score: 2328.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Query Match: 99.40%
DB: 51
Gaps: 0
US-10-803-530-2 (1-435) x US-10-417-375B-141 (1-2627)
Qy      2 AspProAspSerAspGlnProLeuAasnSerLeuAspValLysProLeuArgLysProArg 21
Db      266 GATCCTGACAGTATCAACCTTGAAACGCTTCATGCTCAAAACCCCTGCGAAACCCCGT 325
Qy      22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db      326 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATACATACAGCTACAGCTG 385
Qy      42 AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrTrpPheLeu 61
Db      386 GCGAGTATCATCATGTGTGTGCTCTCATCAAGGTGATTTGAGATAATACTACTTCTTC 445
Qy      62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyIlyLeuAspCys 81
Db      446 TGCAGGACGCTTCCACTTATCCCGAAGAGAGCTGTGTGAGAGAGAGCTGAGACTGT 505
Qy      82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db      506 CCTTTGGGGAGAGACAGAGACACTGTGTCAAGACTTCCCGAAGGCCCTGCAAGTGGCA 565
Qy      102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db      566 GTCCGCTCTTCAAGAGCCATCCACACTGCAAGGTGCTGAGCTGGCCACAGGGAACTGG 625
Qy      122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db      626 TTCTGTGCTGTTTCGACAACTTCAAGAACTCTCGCTGAGAGAGCTGTGAGGAGATG 685
Qy      142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db      686 GGCCTACGACGACAAACCACTTTCAGAGCTGTGAGATTTGGCCAGACAGATTTGAT 745
Qy      162 ValValGluIleThrgluAasnSerGlnGluLeuArgMetArgAasnSerSerGlyProCys 181
Db      746 GTTGTGAATCAGCAAGAAACAGCCAGAGAGCTTGCATGCGGAACTCAAGTGGGCCCTGT 805
Qy      182 LeuSerGlySerLeuValSerLeuHisCysAlaLeuAlaCysGlyIlySerLeuLeuThrPro 201
Db      806 CTCACAGGCTCCCTGGTCTCCCTGCACATGCTTGGTGGAGAGAGCTTAAGACCCCC 865
Qy      202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
Db      866 CGTGTGGTGGGTGTGGAGAGAGCCCTGTGATCTTGGCTTGGCAGGTACAGATCCAG 925
Qy      222 TyrAspGlyGlnHisValCysGlyIlySerIleLeuAspProHisTrpValLeuThrAla 241
Db      926 TACGACAAACAGCAGCTGTGTGGAGGAGCATCTCGACCCCACTGGGTCTTCAACGGCA 985
Qy      242 AlaHisCysPheArgGlyHisIleThrAspValPheAsnTrpValArgAlaGlySerAsp 261
Db      986 GCCCAGCTGCTTCAGAGAAACATACCGATGTGTCACTGGAAGGTGCGGCAAGCTCAAC 1045
Qy      262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db      1046 AACCTGGGACGCTTCCATCCCTGGCTGTGGCCAGATCATCATTAATTTCAACCCC 1105
Qy      282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db      1106 ATGTACCCCAAGCAATGACATGCGCTCATGAAAGCTGCAAGTTCCACTCACTTTC 1165

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QY 302 GlyThrValArgProIleCysLeuProPhePheAsnGluLeuThrProAlaThrPro 321
|
|
Db 1166 GGCACAGTACAGGCCCATCTGTCTGCCCTTGTGATGAGAGACTCACTCCAGCCACCCCA 1225
QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyGlyLysMetSerAspIleLeu 341
|
|
Db 1226 CTCTGGATCATTTGATGGGGCTTTTACGAGAGCAAGATGAGAGATGTCTGACATACCTG 1285
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
|
|
Db 1286 CTGCAAGGCTCAGTCCAGGTCTATGACACACACACGCTGCATGACAGATGCCGTACAG 1345
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGluGlyValAspThrCys 381
|
|
Db 1346 GGGGAAGTACCCGAGAAAGATGATGTGTGAGGCACTCCGAAAGGGGGTGTGACACTGC 1405
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrglnSerAspGlnTrpHisValIleGlyIle 401
|
|
Db 1406 CAGGATGACAGTGTGGGGCCCTGATGTACCAATCTGACAGTGGCATGTGGGGCATTC 1465
QY 402 ValSerTrpGlyTyrglyCysGlyGlyProSerThrProGlyValTyrrThrIysValSer 421
|
|
Db 1466 GTTACGTTGGGGCTAAGGCTGCGGGGGCCGAGCACCCAGAGATATACACCAAGGTCTCA 1525
QY 422 AlaTyrrLeuAsnTrpIleTyrrAsnValTrpLysAlaGluLeu 435
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|
Db 1526 GCCTATCTCAACTGGATCTACAAATGTCTGAAAGCTGAGCTG 1567
RESULT 43
US-60-625-561-446
; Sequence 446, Application US/60625561
; GENERAL INFORMATION:
; APPLICANT: MCCAFFREY, Ian
; APPLICANT: DOMON, Bruno
; TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES
; FILE REFERENCE: CLO01557
; CURRENT APPLICATION NUMBER: US/60/625,561
; NUMBER FILING DATE: 2004-11-08
; NUMBER OF SEQ ID NOS: 586
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 446
; LENGTH: 2627
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-625-561-446
Alignment Scores:
Pred. No.: 0 Length: 2627
Score: 2328.00 Matches: 433
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.40% Indels: 0
Gaps: 0
US-10-803-530-2 (1-435) x US-60-625-561-446 (1-2627)

QY 82 ProLeuGlyGluAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla 101
|
|
Db 506 CCTTGGGGGAGGAGCAGAGAGCACTGTGTCAAGACTTCCCGAAGGGGCTGGCAGTGGCA 565
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
|
|
Db 566 GTCCGCTCTCCAAAGCCCAATCCATCGACAGGTGTGGACTCGGCACAGGGAACTGG 625
QY 122 PheSerAlaCysPheAspAspPheTrpGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
|
|
Db 626 TTCTCTGCTGTTTTCGACAACTTCAAGAACTCTGCTGAGACAGCTGTAGAGCAGATG 685
QY 142 GlyTyrrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
|
|
Db 686 GGTACACGACGAAACCCACTTTCAGAGCTGTGGAATTTGGCCCAACAGAGATCTGGAT 745
QY 162 ValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyProCys 181
|
|
Db 746 GTTGTGAATTCAGAAAACACCCAGAGCTTCCGATGCGAACTCAAGTGGGCCCTGT 805
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuIysThrPro 201
|
|
Db 806 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTGCTTGGGGGAAGACCTGAAGACCCCC 865
QY 202 ArgValValGlyGlyGluGluIleAspValAspSerTrpProGlnValSerIleGln 221
|
|
Db 866 CGTGTGGGTGTGAGAGAGCCCTGTGTGATTTCTTGCCCTTGGGAGGTCAAGCATTCG 925
QY 222 TyrrAspLysGlnHisValCysGlyIysSerIleLeuAspProHisTrpValLeuThrAla 241
|
|
Db 926 TACGACAAACAGACAGCTGTGGAGGAGCATCTTGACCCCACTGGGCTCTCAAGGCA 985
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaLysSerAsp 261
|
|
Db 986 GCCCACTGCTTCAGAAACATACCAATGTTCACTGAAAGTGTGGGACAGCTCAGAC 1045
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
|
|
Db 1046 AACTGGGACGCTTCCATCCCTGCTGTGGCCAGCATATATCATATTAATTCACACCC 1105
QY 282 MetTyrrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
|
|
Db 1106 ATGTACCCCAAGACATGACATCGCCCTCAGTAAGCTGCACTGCCACTCTTCTCA 1165
QY 302 GlyThrValArgProIleCysLeuProPhePheAsnGluLeuThrProAlaThrPro 321
|
|
Db 1166 GGCACAGTACAGGCCCATCTGTCTGCCCTTGTGATGAGAGACTCACTCCAGCCACCCCA 1225
QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyGlyLysMetSerAspIleLeu 341
|
|
Db 1226 CTCTGGATCATTTGATGGGGCTTTTACGAGAGCAAGATGAGAGATGTCTGACATACCTG 1285
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
|
|
Db 1286 CTGCAAGGCTCAGTCCAGGTCTATGACACACACGCTGCATGACAGATGCCGTACAG 1345
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGluGlyValAspThrCys 381
|
|
Db 1346 GGGGAAGTACCCGAGAAAGATGATGTGTGAGGCACTCCGAAAGGGGGTGTGACACTGC 1405
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrglnSerAspGlnTrpHisValIleGlyIle 401
|
|
Db 1406 CAGGATGACAGTGTGGGGCCCTGATGTACCAATCTGACAGTGGCATGTGGGGCATTC 1465
QY 402 ValSerTrpGlyTyrglyCysGlyGlyProSerThrProGlyValTyrrThrIysValSer 421
|
|
Db 1466 GTTACGTTGGGGCTAAGGCTGCGGGGGCCGAGCACCCAGAGATATACACCAAGGTCTCA 1525
QY 422 AlaTyrrLeuAsnTrpIleTyrrAsnValTrpLysAlaGluLeu 435
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|
Db 1526 GCCTATCTCAACTGGATCTACAAATGTCTGAAAGCTGAGCTG 1567

RESULT 44
PCT-US99-19655-2
Sequence 2, Application PC/TUS9919655
GENERAL INFORMATION:
APPLICANT: Salceda, Susana
APPLICANT: Sun, Yongming
APPLICANT: Recipon, Herve
APPLICANT: Cafferkey, Robert
APPLICANT: DIADEXUS LLC
TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING,
FILE REFERENCE: DEX-0043
CURRENT APPLICATION NUMBER: PCT/US99/19655
CURRENT FILING DATE: 1999-09-01
EARLIER APPLICATION NUMBER: 60/098,880
EARLIER FILING DATE: 1998-09-02
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 2070
TYPE: DNA
ORGANISM: Homo sapiens
PCT-US99-19655-2

Alignment Scores:
Pred. No.: 0 Length: 2070
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.23% Indels: 1
Gaps: 0

US-10-803-530-2 (1-435) x PCT-US99-19655-2 (1-2070)

QY	2	AspProaPseSerAspGlnProleuAnSerLeuAspValysProleuArgysProarg	21
DB	223	GATCCTGACAGTGAACCTCTGAAACGCTCGATGCAAAACCCCTGGGAAACCCCGT	282
QY	22	IlleProMetGluThrPheArgLysValGlylleProIlelleleleleleuSerleu	41
DB	283	ATCCCATGAGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACACTGAGCTG	342
QY	42	AlaSerllelleleleleValValleuIleuValleleuAspLysTyrTrpHeu	61
DB	343	GCGATATCATCATGTGGTGTCTCATCAAGTGAATTCGATTAATCTACTTCTC	402
QY	62	CysGlyGlnProleuHisPheIleProArgLysGlnLeuCyAspGlyGluLeuAspCys	81
DB	403	TGCGGGGAGCCCTCCACCTTCATCCGAGGAGAGCTGTGTGACCGAGAGCTGACTGT	462
QY	82	ProLeuGlyGluAspGluGluHisCyValLysSerPheProGluGlyProAlaValAla	101
DB	463	CCCTTGGGGAGAGAGAGAGACGTGTCAAGAGCTTCCCGAAGGGGCTGCAGTGGCA	522
QY	102	ValAlaGluSerLysAspArgSerThrLeuGlnValleuAspSerAlaThrGlyAsnTrp	121
DB	523	GTCCGCTCTCCAAAGACCGATCCACATGCAAGTGTGAGTCTGGCCACAGCAAGATCTGG	582
QY	122	PheSerAlaCyPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCyAspGlnMet	141
DB	583	TTCTCTGCTGTTTTCGACAACTTCACAGAGCTCTCGCGAGACGCTGTGGGAGAG	642
QY	142	GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp	161
DB	643	GGCTACAGACGAAACCCCACTTTCAGAGCTGTGGAGATTGGCCACAGCAAGATCTGAGT	702
QY	162	ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys	181
DB	703	GTGTGTGAATATCAGAAAACAGCCAGAGCTTCGATCGGAACTCAAGTGGCCCTCT	762
QY	182	LeuSerGlySerLeuValSerLeuHisCyLeuAlaCyGlyLysSerLeuValThrPro	201
DB	763	CTCTAGAGCTCCCTGTGTCTCCCTGCACTGTCTTGGCTGTGGGAAAGGCTGAAGACCCC	822

QY 202 ArgValValGlyGlyGluAlaSerValAspSerTrpProTrpGlnValSerlleGln 221

DB 823 CGTGTGTGGGTGGGAGAGAGCTCTGTGGATCTTGCGCTTGGCAGGTCAAGATCCAG 882

QY 222 TyrAspLysGlnHisValCyGlyGlySerlleleuAspProHisTrpValleuThrAl 241

DB 883 TACGACAAACAGCAGCTGTGTGAGGAGACATCTTGAGACCCCACTGAGTCTTCAAGGAC 942

QY 241 AlaHisCyPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAs 261

DB 943 AGCCACTGCTTCAGAAACATACCAATGCTTCAACTGAGAGTGGCGGAGGCTCAGA 1002

QY 261 PylsLeuGlySerPheProSerLeuAlaValAlaIlellellellellellellelle 281

DB 1003 CAACCTGGGAGCTTCCCATCCCTGGCTGTGGCCCAAGATCATCATATTGAATTCACACC 1062

QY 281 OMeTyrTrpLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProleuThrPheSe 301

DB 1063 CATGTACCCCAAAACATATGACATGCGCTCATATAGCTGAGTCCCATCCTCTTCTC 1122

QY 301 RGLYThrValArgProIleCyLeuProPheAspGluGluLeuThrProAlaThrPr 321

DB 1123 AGGCAAGTCAAGCCCATCTGTCTGCTTCTTGTGAGAGAGCTCACTCCAGCCACCCC 1182

QY 321 OLeuTrpIlellellellellellellellellellellellellellellellellelle 341

DB 1183 ACTCTGATCATTTGATGTGGCTTTTACAGACAGAAATGAGAGAGTGTGACATACT 1242

QY 341 uLeuGlnAlaSerValGlnVallleuAspSerThrArgCyAsnAlaAspAspAlaTyrG 361

DB 1243 GCTGCAAGGCTCAGTCCAGCTGATTTGACAGACACGCGTGCATGACAGTGGTACCA 1302

QY 361 nGlyGluValThrGluLysMetMetCyAlaGlylleProGluGlyValAspThrCy 381

DB 1303 GGGGAAATCAACGAAAGATGTGTGACAGGATCCCGAAGGGGTGTGACACTG 1362

QY 381 sGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGly 401

DB 1363 CCAAGGTACAGTGTGGGCCCTGTGATTCATCATGACAGTGTGATGTGGGAT 1422

QY 401 eValSerTrpGlyTyrGlyCyGlyGlyProSerThrProGlyValTyrThrLysValSe 421

DB 1423 CGTTAGCTGGGGCTATGGCTCGGGGGCCCGAGCACCCAGAGATATACCAAGTCTC 1482

QY 421 rAlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435

DB 1483 AGCCTATCTCAACTGATCTCAATGTCTGGAAGGCTGAGCTG 1525

RESULT 45
US-09-763-978A-2
Sequence 2, Application US/09763978A
GENERAL INFORMATION:
APPLICANT: Salceda, Susana
APPLICANT: Sun, Yongming
APPLICANT: Recipon, Herve
APPLICANT: Cafferkey, Robert
TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING
FILE REFERENCE: DEX-0172
CURRENT APPLICATION NUMBER: US/09/763,978A
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: PCT/US99/19655
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: 60/098,880
PRIOR FILING DATE: 1998-09-02
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 2070
TYPE: DNA
ORGANISM: Homo sapien
US-09-763-978A-2

Alignment Scores:

Pred. No.:	0	Length:	2070
Score:	2334.00	Matches:	434
Percent Similarity:	99.77%	Conservative:	0
Best Local Similarity:	99.77%	Mismatches:	0
Query Match:	99.23%	Indels:	1
DB:	31	Gaps:	0

US-10-803-530-2 (1-435) X US-09-763-978A-2 (1-2070)

QY	2	AspProAspSerSerSpGlnProLeuAasnSerLeuAspValysProLeuAArgLysProArg	21
Db	223	GATCTGACGTATGATCACTCTGAAACACCTCGATGTCAAACCCCTGCGGAAACCCCGT	282
QY	22	ILeProMetGlnThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu	41
Db	283	ATCCCATGGAGACTTTCAGAAAGGTGGGGATCCCATTCATCTATGACTCTAGACCTG	342
QY	42	AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu	61
Db	343	GCGAGTATCATCTATTGTGGTTGCTTCATCAAGGTGATCTCGATTAATACTACTTCTC	402
QY	62	CysGlyGlnProLeuHisPheIleIleProArgLysGlnLeuCysAspArgLysIleLeuAspCys	81
Db	403	TGGGGCAGGCTCTCCACTTCATCCCGAGAAAGCAAGCTGTGTAGAGGAGAGCTGAGCTGT	462
QY	82	ProLeuGlyGlnAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla	101
Db	463	CCCTTGGGGAGGACGAGGAGGACACTGTGTCAGAGACTTCCCGAAAGGGCTGCGAGTGGCA	522
QY	102	ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp	121
Db	523	GTCGCGCTCTCCAAAGAACGATCCACACTGCAAGGTGTGAGACTGCGCCACAGGGAACTGG	582
QY	122	PheSerAlaCysPheAspPheThrArgLysAlaLeuAlaGlnThrAlaCysArgGlnMet	141
Db	583	TTCCTGCGCTTGTGCAACATTCAACAGAGCTCGCTGAGACAGCTGTAGGCAATG	642
QY	142	GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161
Db	643	GGTACAGAGAGAAACCCACTTTCAGAGCTGTGGAGATGGCCAGACAGAGACTGGAT	702
QY	162	ValValGlnIleThrGlnAsnSerGlnGlnLeuArgMetArgAsnSerSerGlyProCys	181
Db	703	GTTGTTGAATCAGAGAAACAGCAAGAGCTTGCAATGCGAACTCAAGTGGGACCTGT	762
QY	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysTrpPro	201
Db	763	CTCTCAGGCTCCCTGGTCTCCTCGACGTCTTGCTGTGGAGAGAACCTCGAAGACCCC	822
QY	202	ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln	221
Db	823	CGGTGTGTGGTGGGAGAGAGGCTCTGTGATTCCTTGCTGGCAGGTGACATCTCAG	882
QY	222	TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla	241
Db	883	THGACAAACACACACGTCTGTGAGAGGAGCATCTGAGACCCCACTGGATCTTCAGGGC	942
QY	241	AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAs	261
Db	943	AGCCCACTGCTTCAAGAAACATACCGAGTGTTCACATCGAAGGTGGGGCAGGCTCAAG	1001
QY	264	PheLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGlnPheAsnPr	281
Db	1003	CAAACTGGGACACTTCCCATCTCGCTGTGGCCCAAAATATCATCATCTGAAATTCACCC	1067
QY	281	MetTyrTrpLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe	301
Db	1063	CATGTATCCCAAGACATGATCATGCGCTCATATAGACTGACATCTCCACTCATCTTCTC	1122
QY	301	PolyThrValArgProIleCysLeuProPhePheAspGlnLeuThrProAlaThrPr	321

Db	1123	AGGCAAGTCAAGGCCCACTGTCTGCGCTTCTTTGATGAGAGACTCAACGCAACCC	1182
QY	321	oLeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLe	341
Db	1183	ACTTGATGCATTGGATGGGGCTTTACGACGAGATGAGAGGAAGATGTTGACATCT	1242
QY	341	ULeUlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTYrGI	361
Db	1243	GCTGAGGCGTCAGTCCAGTCCAGTCATTGACAGCACACGGTCATGCACAGATCGGTACA	1302
QY	361	nGIyGluValThrGlyLysMetMetCysAlaGlyTLeProGluGlyValLaaPTrIcY	381
Db	1303	GGGGGAAATCCACGAGAAATGATGATGTGACGAGATCCCGGAGGGGGTGGACACCTG	1362
QY	381	sGlnGlyAspSerGlyGlyProLeuMetTYrGlnSerAspGlnTrpHisValIaGIyTI	401
Db	1363	CCAGGGTACAGTGTGTGGGCCCTCGATGATACCAATCTGACCAGTGGCATGTGTGGGCAT	1422
QY	401	eValSerTrpGlyTYrGlyCysGlyGlyProSerThrProGlyValTYrThrLysValSe	421
Db	1423	CGTTAGCTGGGGCTATGGCTCGGGGGGGCCGACGCCACCGAGATATATACCAAGCTCTC	1482
QY	421	rIaIaTYrLeuAsnTrpIleTYrAsnValTrpLysAlaGluLeu	435
Db	1483	AGCCTATCTCACTGAGATCTACATATGCTCTGGAAGCTGAGAGCTG	1525

RESULT 46

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US-09-763-978B-2
/ Sequence 2, Application US/09763978B
/ GENERAL INFORMATION:
/ APPLICANT: Salceda, Susana
/ APPLICANT: .Sun, Yongming
/ APPLICANT: Recipon, Herre
/ APPLICANT: Caffeekey, Robert
/ TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TR
/ TITLE OF INVENTION: VARIOUS CANCERS
/ FILE REFERENCE: DEX-0172
/ CURRENT APPLICATION NUMBER: US/09/763, 978B
/ CURRENT FILING DATE: 2001-04-25
/ PRIOR APPLICATION NUMBER: PCT/US99/19655
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR APPLICATION NUMBER: 60/098, 880
/ PRIOR FILING DATE: 1998-09-02
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: patentIn version 3.1
/ SEQ ID NO 2
/ LENGTH: 2070
/ TYPE: DNA
/ ORGANISM: Homo sapIen
US-09-763-978B-2

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Alignment Scores:

Pred. No.:	0	Length:	2070
Score:	2324.00	Matches:	434
Percent Similarity:	99.77%	Conservative:	0
Best Local Similarity:	99.77%	Mismatches:	0
Query Match:	99.23%	Indels:	1
DB:	31	Gaps:	0

US-10-803-530-2 (1-435) X US-09-763-978B-2 (1-2070)

QY	2	AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg	21
Db	223	GATCTGACAGATGATCAACTCTGAACAGCCTCGATGTCAAAACCCCTGCGAAACCCCGT	283
QY	22	IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu	41
Db	283	ATCCCATGAGAACCTTCAGAAAGGTGGAGATCCCATCATATGACACTCTAGGCTG	342
QY	42	AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu	61
Db	343	GCGAGTATCATATTGTGGTGTCTCTCATCAAGGATTCGTGAAATACTACTTCTTC	402

62 CysGlyGlnProLeuHisPhe11eProArgIysGlnLeuCyAspGlyGluLeuAspCys 81
Db 403 TGGGGGAGGCTCTCCACTTCAATCCCGAGAGAGCTGTGTGACGAGAGCTGGACTGT 462
Qy 82 ProLeuGlyGluAspGluGlnHisCyValIlySerPheProGluGlyProAlaValAla 101
Db 463 CCTTTGGGGAGAGAGAGAGAGAGCTGTGTCAAGAGCTTCCCGAAGGGCTGCAAGTGGCA 522
Qy 102 ValArgLeuSerIlyAspArgSerThrlLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 523 GTCCGCTCTCCAG 582
Qy 122 PheSerAlaCyPheAspAspPheThrlGlnAlaValAlaGluThrlAlaCyAsnGlnMet 141
Db 583 TTCTGCTGCTGTTTGAACATTCACAGAGCTCTGCTGAGACAGCTGTGAGAGAGAGAG 642
Qy 142 GlyIlySerSerIlyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 643 GGCTACAG 702
Qy 162 ValValGluIleThrlGlnAsnSerGlnIleuAspMetArgAsnSerSerGlyProCys 181
Db 703 GTTGTGTAATCAG 762
Qy 182 LeuSerGlySerLeuValSerLeuHisCySerLeuAlaCyGlyIlySerLeuIlyThrPro 201
Db 763 CTCTAGAGCTCTCTGCT 822
Qy 202 ArgValIleGlyGlyGluGlnIleAspSerIlyProTrpGlnValSerIleGln 221
Db 823 CGT 882
Qy 222 TyrAspIlyGlnHisValIlyGlyIlySerIleLeuAspProHisTrpValLeuThrAl 241
Db 883 TACGACAAACAGCAGCTGT 942
Qy 241 AlaHisCyPheAspArgIlyHisThrAspValPheAsnTrpIlyValArgAlaGlySerAs 261
Db 943 AGCCACAGCTCTCAAG 1002
Qy 261 PheLeuGlySerPheProSerLeuAlaValAlaIlySerIleIleGluPheAsnTrp 281
Db 1003 CAAATCTGGGAGCTTCCATCTCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1062
Qy 281 OMeTrpProIlyAspAspAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPheSe 301
Db 1063 CATGTATCCCAAG 1122
Qy 301 GlnIlyThrValArgProIleCyLeuProPhePheAspGluGluLeuThrProAlaThrPr 321
Db 1123 AGGCAAG 1182
Qy 321 OMeTrpIleIleGlyTrpGlyPheThrIlyGlnAsnGlyIlyIlyMetSerAspIleLe 341
Db 1183 ACTCTGAGTCAATGTAGTGGGCTTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1242
Qy 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCyAsnAlaAspAspAlaTrpG 361
Db 1243 GCTGACAGGAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCA 1302
Qy 361 nGlyIleValIleThrlGlnIlyMetMetCyValIleGlyIleProGluGlyValIleAspThrCy 381
Db 1303 GGGGAG 1362
Qy 381 eGlnGlyAspSerGlyIlyProLeuMetIlyGlnIleAspGlnTrpHisValIleGlyIle 401
Db 1363 CCAAGGTGACAGT 1422
Qy 401 eValSerTrpGlyTrpGlyCyGlyIlyProSerThrProGlyValIlyThrIlyValSe 421
Db 1423 CATTAGCTGT 1482
Qy 421 ValIlyThrLeuAsnTrpIleTrpAsnValTrpIlyAlaGluLeu 435

Db 1483 AGCTATCTCAACTGAGTCTCAATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1525
RESULT 47
US-11-071-974-2
; Sequence 2, Application US/11071974
; GENERAL INFORMATION:
; APPLICANT: Salceda, Susana
; APPLICANT: Sun, Yongming
; APPLICANT: Recipon, Hervé
; APPLICANT: Calferkey, Robert
; TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TR
; FILE REFERENCE: DEX-0172
; CURRENT APPLICATION NUMBER: US/11/071,974
; CURRENT FILING DATE: 2005-03-04
; PRIOR APPLICATION NUMBER: US/09/763,978
; PRIOR FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: PCT/US99/19655
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: 60/098,880
; PRIOR FILING DATE: 1998-09-02
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 2070
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-071-974-2
Alignment Scores:
Pred. No.: 0 Length: 2070
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.23% Indels: 1
DB: 66 Gaps: 0
US-10-803-530-2 (1-435) x US-11-071-974-2 (1-2070)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlyPheProLeuArgIlyProArg 21
Db 223 GATCTGACAGTGAACCACTCTGAAACAGCTCTGATGTCAAAACCTCTGCGAAACCTGT 282
Qy 22 IleProMetGluThrlPheArgIlyValGlyIlyProIleIleAlaLeuSerLeu 41
Db 283 ATCCCATGAGAGAGCTTCAAG 342
Qy 42 AlaSerIleIleIleValIleValIleuIleuValIleuAspIlyTrpIlyPheLeu 61
Db 343 GCGAGTATCATCATTTGT 402
Qy 62 CysGlyGlnProLeuHisPhe11eProArgIysGlnLeuCyAspGlyGluLeuAspCys 81
Db 403 TGGGGGAGGCTCTCCACTTCAATCCCGAGAGAGCTGTGTGACGAGAGCTGGACTGT 462
Qy 82 ProLeuGlyGluAspGluGlnHisCyValIlySerPheProGluGlyProAlaValAla 101
Db 463 CCTTTGGGGAG 522
Qy 102 ValArgLeuSerIlyAspArgSerThrlLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 523 GTCCGCTCTCCAG 582
Qy 122 PheSerAlaCyPheAspAspPheThrlGlnAlaValAlaGluThrlAlaCyAsnGlnMet 141
Db 583 TTCTGCTGCTGTTTGAACATTCACAGAGCTCTGCTGAGACAGCTGTGAGAGAGAGAGAG 642
Qy 142 GlyIlySerSerIlyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 643 GGCTACAG 702
Qy 162 ValValGluIleThrlGlnAsnSerGlnIleuAspMetArgAsnSerSerGlyProCys 181

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Db      703 GTTGTGAATCAGAGAAACAGCCAGAGCTTCGATCCGAACTCAAGTGGCCCTGT 762
Qy      182 LeuSerGlySerLeuValSerLeuHisCySLeuAlaCySgLYLysSerLeuLysThrPro 201
Db      763 CTCTCAGGGCTCCCTGGTCTCCCTGCACTGTCTGTGGGAGAGAGCTCGAAGACCCCC 822
Qy      202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTglnValSerIleGln 221
Db      823 CGTGTGGTGGTGGGAGAGAGCCCTGTGCAATCTTGAGCTTGAGAGTCAAGATCCAG 882
Qy      222 TyrAspLysGlnHisValCySgLYLysSerIleLeuAspProHisTrpValLeuThrAl 241
Db      883 TACGACAAACAGACAGCTGTGTGAGAGAGCATCTCGAGCCCACTGGGTCTCTCAAGGAC 942
Qy      241 aAlaHisCySPhaArgLysHisThrAspValPheAsnTrpLysValAlaGlySerAs 261
Db      943 AGCCCACTGCTTCAAGAAACATACCGATGTGTTCACTGGAAGGTGGCGGAGGCTCAGA 1002
Qy      261 pLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPr 281
Db      1003 CAACTGGGAGACTTCCCATCTCTGGCTGGCCAAATCATCATCATTTGAAATTCACCC 1062
Qy      281 cMetLysTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe 301
Db      1063 CATGTACCCCAAGACAAATGACATGACCTGCAATGAGCTGCACTCCACTCTTCTC 1122
Qy      301 rGlyThrValArgProIleCySLeuProPhePheAspGluLeuThrProAlaThrPr 321
Db      1123 AGGCACATCAAGCCCATCTGTCTGCCCTTCTTGATAGAGAGCTCACTCCAGCCACCCC 1182
Qy      321 cLeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLe 341
Db      1183 ACTCGCATCATTTGATGGGCTTTACGAAGCAGAAATGAGAGGAAGATGTGACATACT 1242
Qy      341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCySAsnAlaAspAspAlaTrpG 361
Db      1243 GCTGAGGCGTCAAGTCCAGTCAATGACAGACACGAGTCAATCAGACGATGGTACCA 1302
Qy      361 nGlyValValThrGluLysMetMetCySAlaGlyIleProGluGlyValAspThrCy 381
Db      1303 GGGGGAGTCAACCGAAGAGATGTGTGACAGCATCCCGAAGGGGTGTGGACACTTG 1362
Qy      381 eGlnGlyAspSerGlyLysProLeuMetLysGlnSerAspGlnTrpHisValValGlyI 401
Db      1363 CCAGGGTGAACGTGTGGGCCCTCGATGTACCAATCTGACCAAGTGGCATGGTGGCAT 1422
Qy      401 eValSerTrpGlyLysGlyCySgLYLysProSerThrProGlyValLysThrLysValSe 421
Db      1423 CGTTAGCTGGGGCTATGGCTGCGGGGCCCAAGCACCCAAGATATACCAAGGCTC 1482
Qy      421 rAlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db      1483 AGCCTATCTCAACTGATCTACATGTCTGGAAGCTGAGCTG 1525

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RESULT 48

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US-11-072-918-2
; Sequence 2, Application US/11072918
; GENERAL INFORMATION:
; APPLICANT: Salceda, Susana
; APPLICANT: Sun, Yongmung
; APPLICANT: Recipon, Heire
; APPLICANT: Caferkey, Robert
; TITLE OR INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TR
; FILE REFERENCE: DEX-0539
; CURRENT APPLICATION NUMBER: US/11/072,918
; CURRENT FILING DATE: 2005-03-04
; PRIOR APPLICATION NUMBER: US 09/763,978
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US99/19655
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: 60/098,880

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; PRIOR FILING DATE: 1998-09-02
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 2070
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-072-918-2
Alignment Scores:
Pred. No.: 0
Score: 2324.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Query Match: 99.23%
DB: 66
US-10-803-530-2 (1-435) x US-11-072-918-2 (1-2070)
Qy      2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db      223 GATCTGACAGTATCAACTCTGAAACAGCTCGATGTCAAACTCTGGGCAAACTCCGT 282
Qy      22 11eProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db      283 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATAGCACTAGCACTGAGCTG 342
Qy      42 AlSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTrpLeu 61
Db      343 GCGAGTATCATCATTTGTGTGTCTTCATCAAGTGAATCTGGATTAATATCACTTCTC 402
Qy      62 CySgLYLysProLeuHisPheIleProArgLysGlnLeuCySAspGlyGluLeuAspCyS 81
Db      403 TCGGGGAGCTTCTCACTTCATCCGAGAGAGAGCTGTGTGACGAGAGAGCTGACTGT 462
Qy      82 ProLeuGlyGluAspGluGluHisCySValLysSerPheProGluGlyProAlaValAla 101
Db      463 CCTTGGGGAGAGAGAGAGAGAGCTGTGTCAAGAGCTTCCCGAAGGGCTGCAAGTGG 522
Qy      102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db      523 GTCCGCTCTCCAAAGAGACGATCCACATCGAGGTGCTGATCGAGCCCAAGGAACTGG 582
Qy      122 PheSerAlaCySPhaAsnPheThrGluAlaLeuAlaGluThrAlaCySArgGlnMet 141
Db      583 TTCTGCTGCTGTTTCACAACTTCACAGAGCTTCTGTCAGACAGCTGTATGGCAGATG 642
Qy      142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db      643 GGCTACAGCAGCAAACTCCACTTTCAGAGCTGTGAGATTGGCCAGACAGGATCTGGAT 702
Qy      162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCyS 181
Db      703 GTTGTGAATACAGAAACAGCAAGAGAGCTTCGATGCGAATCTCAAGTGGGCCCTGT 762
Qy      182 LeuSerGlySerLeuValSerLeuHisCySLeuAlaCySgLYLysSerLeuLysThrPro 201
Db      763 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTGTGGGAGAGAGCTCGAAGACCCCC 822
Qy      202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTglnValSerIleGln 221
Db      823 CGTGTGGTGGTGGGAGAGAGCCCTGTGCAATCTTGAGCTTGAGAGTCAAGATCCAG 882
Qy      222 TyrAspLysGlnHisValCySgLYLysSerIleLeuAspProHisTrpValLeuThrAl 241
Db      883 TACGACAAACAGACAGCTGTGTGAGAGAGCATCTCGAGCCCACTGGGTCTCTCAAGGAC 942
Qy      241 aAlaHisCySPhaArgLysHisThrAspValPheAsnTrpLysValAlaGlySerAs 261
Db      943 AGCCCACTGCTTCAAGAAACATACCGATGTGTTCACTGGAAGGTGGCGGAGGCTCAGA 1002
Qy      261 pLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPr 281

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Db 1003 CAAAGTGGGAGCTTCCCATCTGCTGTGGCCAAATCATCATTCATTCACACCC 1062
 Qy 281 CMeTtYrProLySaPaNaApPiLeAlLeuMeLySeInPheProLeuThrPheSe 301
 Db 1063 CATGTACCCCAAGCAATGACATGCCCCCTCATGAAAGTGAGCTTCCACATCATTCTC 1122
 Qy 301 rG1ThrValArpProLleCySeLeuProPheAspGluLeuThrProAlaThrPr 321
 Db 1123 AGGCACAGTCAGGCCCATCTCTCTCCCTTTCTTATAGAGAGCTCATCCAGCCACCC 1182
 Qy 321 OLeuTrPLeIleIleGlyTrpGlyPheThrLySgInaAsnGlyLyMetSerAspIleLe 341
 Db 1183 ACTCGATCATTTGATGGAGGGCTTTACAGAGCAATGAGGAGAAATGTCTGACATACT 1242
 Qy 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCySaAsnAlaAspAlaIleTyG1 361
 Db 1243 GCTGAGGCGTCAGTCACAGGTCATTGACAGCACAGGTCGCAATGACAGAGTGCATCA 1302
 Qy 361 nGlyValValThrGluYsMeMetCySaAlaGlyIleProGluGlyValAspThrCy 381
 Db 1303 GGGGAGAGTCACCCGAAAGATGATGTGTGACAGCATCCCGAAGGGGGGTGTGACACCTG 1362
 Qy 381 sGlnGlyAspSerGlyGlyProLeuMetTyGInSerAspGlnTrpHisValValGlyY1 401
 Db 1363 CCAAGGTGACAGTGTGGGCCCTTGATGACCAATCTGACAGTGCATGTGTGGCAT 1422
 Qy 401 eValSerTrpGlyTyTyGlyCySgLyGlyProSerThrProGlyValIleTyThrLyValSe 421
 Db 1423 CGTTAGCTGGGGCTATGCTGTGGGGGCCCGAGCACCCGAGAGATATACACCAAGTCTC 1482
 Qy 421 rAlaTrLeuAsnTrpIleTyAsnValTrpLyAlaGluLeu 435
 Db 1483 AGCCTATCTCACTGATCTACATGTCTGAAAGGCTGAGCTG 1525

RESULT 49

PCT-US02-40861-41

Sequence 41, Application PC/TUS0240861

GENERAL INFORMATION:

APPLICANT: MCLACHLAN, KAREN

APPLICANT: REEF, MITCHELL

APPLICANT: DANIELS, MARK

TITLE OF INVENTION: GENES OVEREXPRESSED BY OVARIAN CANCER AND THEIR USE IN

FILE REFERENCE: 037003/0301015

CURRENT APPLICATION NUMBER: PCT/US02/40861

CURRENT FILING DATE: 2003-05-15

PRIOR APPLICATION NUMBER: 60/341,860

PRIOR FILING DATE: 2001-12-21

PRIOR FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: 60/396,141

PRIOR FILING DATE: 2002-07-17

PRIOR APPLICATION NUMBER: 60/405,319

PRIOR FILING DATE: 2002-08-23

PRIOR APPLICATION NUMBER: 60/428,274

PRIOR FILING DATE: 2002-11-22

NUMBER OF SEQ ID NOS: 52

SOFTWARE: PatentIn version 3.2

SEQ ID NO 41

LENGTH: 2079

TYPE: DNA

ORGANISM: Homo sapiens

PCT-US02-40861-41

Alignment Scores:

Pred. No.:	0	Length:	2079
Score:	2324.00	Matches:	434
Percent Similarity:	99.77%	Conservative:	0
Best Local Similarity:	99.77%	Mismatches:	0
Query Match:	99.23%	Indels:	1
DB:	1	Gaps:	0

US-10-803-530-2 (1-435) x PCT-US02-40861-41 (1-2079)

Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLySProLeuArgLyProArg 21
 Db 217 GATCTGACAGTATTCACACCTCTGACAGCTCGATGCAAAACCCCTGCGAAACCCCGT 276
 Qy 22 lLeProMetGluThrPheArgLyS-ValGlyIleProIleIleIleAlaLeuSerIle 41
 Db 277 ATCCCATGAGACCTTCAGAAAGTGTGGGATCCCATCATCATATGACATCATAGAGCT 336
 Qy 41 uAlaSerIleIleIleValValIleValIleValValIleLeuAspLyTyTyPheLe 61
 Db 337 GGCAGATATCATATGTGTGTCTTCATCAAGGTGATTCGAGTAATATCTACTTCTCT 396
 Qy 61 uCySgLyGlnProLeuHisPheIleProArgLySgInLeuCySaAspGlyGluLeuAspCy 81
 Db 397 CTGGGGGAGGCTCTCCACTTCATCCGAGGAGAGAGCTGTGTGACGAGAGCTGAGCTG 456
 Qy 81 sProLeuGlyGluAspGluGluHisCySaValLySerPheProGluGlyProAlaValAla 101
 Db 457 TCCCTGGGGAGAGACGAGAGCACTGTGTCAAGGCTTCCCGAAGGGCCCTGCACTGAGC 516
 Qy 101 aValArgLeuSerLySaPaNaAspSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr 121
 Db 517 AGTCGCTCTTCACAGAGCATTCACATGAGGTGTGACATGCGCACAGGAGACTG 576
 Qy 121 pPheSerAlaCySaPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCySaArgIleMe 141
 Db 577 GTTCTCTCTCTGTTTCACAACTTCACAGAACTCTGCTGAGACAGCTGTAGGCAAT 636
 Qy 141 rGlyTySerSerLySProThrPheArgLySValGluIleGlyProAspGlnAspLeuAs 161
 Db 637 GGGCTACAGAGCAAAACCATTCAGAGCTGTGGAGATTGGCCACAGACAGAACTGGA 696
 Qy 161 pValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCy 181
 Db 697 TGTGTTAATAATCACAGAAACAGCCAGAGACTTCGACATGAGAACTGAAGTGGCCCTG 756
 Qy 181 sLeuSerGlySerLeuValSerLeuHisCySaLeuAlaCySgLyLySserLeuLyThrPr 201
 Db 757 TCTCTCAGGCTCCCTGGGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 816
 Qy 201 oArgValValGlyGlyGluGluAlaSerValAspSerTrpProIleGlnValSerIleG1 221
 Db 817 CCGTGTGTGGGTGGGAGAGAGGCTCTGTGGATTCTTGAGCTGGAGTCAAGTCA 876
 Qy 221 nTyTrAspLySgInHisValCySgLyGlySerIleLeuAspProHisTrpValIleThrAl 241
 Db 877 GTACGACAAACAGCAGCTGTGTGAGGAGAGATCTGAGACCCCACTGGGTCTTACGGC 936
 Qy 241 aAlaHisCySaPheArgLySHisThrAspValPheAsnTrpLySValArgAlaGlySerAs 261
 Db 937 AGCCACAGCTTCAGAAACATACCGATGTGTTCACCTGGAAGGTGCGGGAGGCTCAGA 996
 Qy 261 pLySLeuGlySerPheProSerLeuAlaValAlaLySleIleIleIleGluPheAsnPr 281
 Db 997 CAAACTGGGAGCTTCCATCCCTGCTGTGGCCAAATCATCATTCGATTCACACCC 1056
 Qy 281 CMeTtYrProLySaPaNaApPiLeAlaLeuMeLySeInPheProLeuThrPheSe 301
 Db 1057 CATGTACCCCAAGCAATGACATGCCCCCTCATGAAAGTGAGCTTCCACATCATTCTC 1116
 Qy 301 rGlyThrValArpProLleCySeLeuProPheAspGluLeuThrProAlaThrPr 321
 Db 1117 AGGCACAGTCAGGCCCATCTCTCTCCCTTTCTTATAGAGAGCTCATCCAGCCACCC 1176
 Qy 321 OLeuTrPLeIleIleGlyTrpGlyPheThrLySgInaAsnGlyLyMetSerAspIleLe 341
 Db 1177 ACTCGATCATTTGATGGAGGGCTTTACAGAGCAATGAGGAGAAATGTCTGACATACT 1236
 Qy 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCySaAsnAlaAspAlaIleTyG1 361
 Db 1237 GCTGAGGCGTCAGTCACAGGTCATTGACAGCACAGGTCGCAATGACAGAGTGCATCA 1296

QY 361 nglYgluValThrGluLysMetMetCysAlaGlyIleProGluGluValAspThrCy 381
Db 1297 GGGGGAGTCCACCGAGAAATGATGTGTGACAGCATCCCGAAGGGGGTGTGACACCTG 1356
QY 381 eGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrPheIleValAlaGlyIle 401
Db 1357 CCAGGGGTGACAGTGTGGGGCCCTGATGTACCAATCTGACAGTGGCAATGTGTGGGCAAT 1416
QY 401 eValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValAlaTyrThrLysValIse 421
Db 1417 CATTAGCTGGGGCTATGGCTGGGGGGCCGAGCACCCCGAGATATACCAAGGTCTC 1476
QY 421 tAlaTyrLeuAsnTyrPheTyrAsnValTyrPheValAlaGluLeu 435
Db 1477 AGCCTATCTCAACTGGATCTCAATGTCTGGAAGGCTGAGCTG 1519
RESULT 50
PCT-US03-18253-41
; Sequence 41, Application PC/TUS0318253
; GENERAL INFORMATION:
; APPLICANT: Biogen Idec Inc.
; APPLICANT: Harisharan, Kandasamy
; APPLICANT: Danielian, Karen
; TITLE OF INVENTION: GENES OVEREXPRESSED BY CANCER AND THEIR USE IN DEVELOPING NOVEL
; FILE REFERENCE: 037003-0304261
; CURRENT APPLICATION NUMBER: PCT/US03/18253
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/386,748
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/396,141
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: 60/405,319
; PRIOR FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: 60/428,274
; PRIOR FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 41
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-18253-41
Alignment Scores:
Pred. No.: 0 Length: 2079
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.23% Indels: 1
DB: 1 Gaps: 0
US-10-803-530-2 (1-435) x PCT-US03-18253-41 (1-2079)
QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValLysProLeuAspLysProArg 21
Db 217 GATCTTACAGGTATCAACCTCTGACAGCTCGATGTCAAAACCCCGCCCAACCCCGT 276
QY 22 IleProMetGluThrPheArgLys-ValGlyIleProIleIleIleIleIleuSerIle 41
Db 277 ATCCCATGAGACCTTCAGAAAGTGTGGGATCCCATCATCATACACTACTGAGCCT 336
QY 41 uAlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTyrPheIle 61
Db 337 GGGCAGATATCATCTGTGTGTGCTCATCAAGGTATTCGGAATAAATCACTTCC 396
QY 61 uCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCy 81
Db 397 CTGGGGAGAGCTCTTCCATTCATCCCGAGAGACACTGTGTGACGAGAGCTGACTG 456
QY 81 sProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAl 101
|||||

Db 457 TCCTTGGGGAGAGACAGAGACACTGTGTCAAGAGCTTCCCGAAGGCTGTGAGTGC 516
QY 101 aValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr 121
Db 517 AGTCCGCTCTCCAAAGAGCCGATTCACATGCAAGGTGTGTGACTCGGCCACAGAGAACTG 576
QY 121 pPheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMe 141
Db 577 GTTCTGCTGCTGTTTCAACAATTCACAGAGCTTCTGAGAGACAGCTGTGTGGAGAT 636
QY 141 tGlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAs 161
Db 637 GGGGTACAGACAGAAACCACTTCAGAGCTGTGGAGATTGGCCAGACCAAGATCTGGA 696
QY 161 pValValGluIleThrGluAsnSerGlnLeuAsnArgMetArgAsnSerSerGlyProCy 181
Db 697 TGTGTGAAATCAGAGAAACAGAGAGCTTCGATCGAGATCGGAATCAAGTGGCCCTG 756
QY 181 sLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPr 201
Db 757 TCTCTAGGCTCCCTGTGCTCCCTGCACTGTCTTGCTGTGGAGAGAGCTGAAAGACCC 816
QY 201 oArgValAlaGlyGlyGluGluLysSerValAspSerTyrProTyrGlnValSerIleG 221
Db 817 CCGTGTGTGGTGGTGGGGAGAGGCTGTGATTTCTTGCTTGGCAGGTCAAGTCA 876
QY 221 nTyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAl 241
Db 877 GTACGACMAACACAGCTGTGTGAGAGAGATCCGAGACCCCACTGGGTCCTCAGGCG 936
QY 241 aAlaHisCysPheArgLysHisThrAspValPheAsnTyrPheValArgAlaGlySerAs 261
Db 937 AGCCCATGCTTACAGAAACATACCAATGTGTCAACTGAAAGTGGGAGCTCA 996
QY 261 pLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPr 281
Db 997 CAAACTGGGAGGCTTCCATCCCTGTGCTGGCCAAAGATCATCATCATTAATTCAACC 1056
QY 281 oMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe 301
Db 1057 CATGTACCCCAAGAAATGACATGCTGCTCATGAAAGCTGAGGTTCCACTCACTTCTC 1116
QY 301 rGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPr 321
Db 1117 AGGCACAGTCAAGGCCATGTGTGTGCTTCTTATGAGAGCTCATCCAGCACCC 1176
QY 321 oLeuTyrIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLe 341
Db 1177 ACTCTGATCATTTGATGTGGGCTTTACGAGACAGATGAGGGAAGATGTCTGACATCT 1236
QY 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGl 361
Db 1237 GCTGACAGGCTGATGTCAGGTCATTTGACAGCACAGGTCAATGAGACAGAGTGTACCA 1296
QY 361 nglYgluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCy 381
Db 1297 GGGGGAAGTCCACGAGAGATGATGTGTGACAGCATCCCGAAGGGGGTGTGACACTG 1356
QY 381 eGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrPheIleValAlaGlyIle 401
Db 1357 CCAGGGGTGACAGTGTGGGGCCCTGATGTACCAATCTGACAGTGGCAATGTGTGGGCAAT 1416
QY 401 eValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValAlaTyrThrLysValIse 421
Db 1417 CATTAGCTGGGGCTATGGCTGGGGGGCCGAGCACCCCGAGATATACCAAGGTCTC 1476
QY 421 tAlaTyrLeuAsnTyrPheTyrAsnValTyrPheValAlaGluLeu 435
Db 1477 AGCCTATCTCAACTGGATCTCAATGTCTGGAAGGCTGAGCTG 1519
RESULT 51
PCT-US05-02325-89
; Sequence 89, Application PC/TUS0502325

GENERAL INFORMATION:
 APPLICANT: Bunn, Paul
 APPLICANT: Coldren, Christopher
 APPLICANT: Franklin, Wilbur
 APPLICANT: Geraci, Mark
 APPLICANT: Helfrich, Barbara
 APPLICANT: Hirsch, Fred
 APPLICANT: Lapadat, Razvan
 APPLICANT: Sugita, Michio
 APPLICANT: Wiltz, Samir
 TITLE OF INVENTION: Gefitinib Sensitivity-Related Gene Expression and Products and
 FILE REFERENCE: 2848-65-PCT
 CURRENT APPLICATION NUMBER: PCT/US05/02325
 CURRENT FILING DATE: 2005-02-08
 PRIOR APPLICATION NUMBER: 60/538,682
 PRIOR FILING DATE: 2004-01-23
 NUMBER OF SEQ ID NOS: 194
 SOFTWARE: PatentIn version 3.3
 SEQ ID NO: 89
 LENGTH: 2079
 TYPE: DNA
 ORGANISM: Homo sapiens
 PCT-US05-02325-89

Alignment Scores:
 Pred. No.: 0 Length: 2079
 Score: 2324.00 Matches: 434
 Percent Similarity: 99.77% Conservative: 0
 Best Local Similarity: 99.77% Mismatches: 0
 Query Match: 99.23% Indels: 1
 DB: 3 Gaps: 0

US-10-803-530-2 (1-435) x PCT-US05-02325-89 (1-2079)

QY 2 AspProAspSerAspGluProLeuAsnSerLeuAspValValProLeuArgLysProArg 21
 Db 217 GATCCTGACAGTGAACCTCTGACACAGCTCGATGTAAACCCCTGGCGAACCCT 276
 QY 22 IleProMetGluThrPheArgLys-ValGlyIleProIleIleIleValLeuLeuSer 41
 Db 277 ATCCCATGAGAACCTTCAAGAAAGTGGGATCCCATCATCATATGACATCTAGAGCT 336
 QY 41 uAlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTyrPheLe 61
 Db 337 GCGGAGTATCATCATGTGTGTGTCTCTCATCAAGGATTCGATTAATTAATCTACTTCT 396
 QY 61 uCyArgLysGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGluLeuAspCy 81
 Db 397 CTGCGGCGAGCCTCTCCACTTCACTCCGAGAAAGCAAGCTGTGTGACGGAGAGCTGAGCTG 456
 QY 81 sProLeuGlyGluAspGluGluHisPheCyValIleLysSerPheProGluGlyProAlaValAla 101
 Db 457 TCCCTTGGGGGAGAGAGAGAGACCTGTCTCAAGAGCTTCCCGAAGGGCTGTGAGCTG 516
 QY 101 aValAlaArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr 121
 Db 517 AGTCGCGCTCTCCAGAGACCGATCCACATGCAAGGCTGTGAGCTCGGCGACAGGGAACTG 576
 QY 121 PheSerAlaCyPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCyArgGlnMe 141
 Db 577 GTTCTCTGCTGTTCGACAACTTCAAGAGCTCTCGTGAAGACGCTGTAGGCGAGAT 636
 QY 141 tGlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGluAspLeuAs 161
 Db 637 GGGGCTACAGACAGAAACCACTTCAAGCTGTGAGATTTGGCCAGACAGAGATCTGGA 696
 QY 161 pValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCy 181
 Db 697 TGTGTGAAATCAACGAAACAGCGGAGGCTTCCATGCGGAACTCAAGTGGGCTCG 756
 QY 181 sLeuSerGlySerLeuValSerLeuHisCyLeuAlaCyGlyLysSerLeuValThrPr 201

Db 757 TCTCTAGGCTCCCTGATCTCTCCCTGACACTGTCTGCGGAAAGAGCTGAGAGACCC 816
 QY 201 oArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleG 221
 Db 817 CCGTGTGTGTGTGGGAGAGAGAGCTCTGTGTGATTTCTGGCTTGGAGGTACAGATCA 876
 QY 221 nTyrAspLysGlnHisValCyArgIleLysIleLeuAspProHisTrpValLeuThrAl 241
 Db 877 GTACAGCAAAACAGACAGCTGTGTGAGAGAGATCTTGAGCCCGCACTGGGTCTTCAGCGC 936
 QY 241 aAlaHisCyPheArgLysHisIleThrAspValPheAsnTrpLysValAlaGlyIleSerAs 261
 Db 937 AGCCCATGCTTCAAGAAACATCCAGATGTGTCAACTGAGGAGGCGGCGGCTTCAGA 996
 QY 261 pLysLeuLysSerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAspPr 281
 Db 997 CAATCTGGCGAGCTTCCATCCCTGCGTGTGCGCAAGATCATCATCATTTGAATTCAACC 1056
 QY 281 oMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe 301
 Db 1057 CATGTACCCCAAGACATGATCATGCCCCCTCATGAGAGCTGAGCTCCACATCTTCTC 1116
 QY 301 tGlyThrValArgProIleCyLeuProPheAspGluGluLeuThrProAlaThrPr 321
 Db 1117 AGGCACAGTCAGGCCATCTGTCTGCTCTTGTATGAGAGAGCTCACTCCAGCACCCC 1176
 QY 321 oLeuTrpIleIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLe 341
 Db 1177 ACTGTGATCATTTGATGTGGGCTTTTACAGAGAGATGAGAGAGAGATGTCTGACATCT 1236
 QY 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCyAsnAlaAspAspAlaTyrG 361
 Db 1237 GCTGACAGCGTCAGTCACAGTCATTTGACAGCACAGGTCGATGACAGAGAGCGTACCA 1296
 QY 361 nGlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCy 381
 Db 1297 GGGGGAAGTCAACCGAAGATGATGTGTGACAGGATCCCGAAGGGGTGTGACACCTG 1356
 QY 381 gGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyTr 401
 Db 1357 CCAGGATGACATGTGTGGGCCCCCTGATGATCAATCTGACAGTGCATGTGTGGAGAT 1416
 QY 401 eValSerTrpGlyTyrGlyCyArgGlyGlyProSerThrProGlyValTyrThrLysValSe 421
 Db 1417 CATTGCTGGGCTATGTGCTGTGGGGGCCCGAGCACCCAGAGATATACCAAGGTCTC 1476
 QY 421 rAlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 Db 1477 AGCTATATCACTGATCTACATGTCTGAGAGGCTGAGCTG 1519

RESULT 52
 US-09-525-993-21
 Sequence 21, Application US/09525993
 GENERAL INFORMATION:
 APPLICANT: Mack, David
 APPLICANT: Gish, Kurt
 APPLICANT: Wilson, Keith
 TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSING COLORECTAL CANCER,
 TITLE OF INVENTION: COMPOSITIONS, AND METHODS OF SCREENING FOR COLORECTAL
 FILE REFERENCE: A-67474-4/DJB/JJD
 CURRENT APPLICATION NUMBER: US/09/525,993
 CURRENT FILING DATE: 2000-03-15
 PRIOR APPLICATION NUMBER: 09/268,866
 PRIOR FILING DATE: 1999-03-15
 PRIOR APPLICATION NUMBER: 09/436,983
 PRIOR FILING DATE: 1999-11-09
 PRIOR APPLICATION NUMBER: 09/435,945
 PRIOR FILING DATE: 1999-11-09
 PRIOR APPLICATION NUMBER: 09/450,857
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: 09/453,850
 PRIOR FILING DATE: 1999-12-02

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; PRIOR APPLICATION NUMBER: 09/493,444
; PRIOR FILING DATE: 2000-01-28
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-525-993-21

Alignment Scores:
Pred. No.: 0
Score: 2324.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Query Match: 99.23%
DB: 25
Length: 2079
Matches: 434
Conservative: 0
Mismatches: 0
Indels: 1
Gaps: 0

US-10-803-530-2 (1-435) x US-09-525-993-21 (1-2079)

QY 2 AspProAspSerAspGlnProLeuAenSerLeuAspValLysProLeuAryLysProArg 21
DB 217 GATCCTGACAGATGATATCACTCTGAACAGCTCTGATGTAACCCCTGGCAAAACCCGT 276
QY 22 LLeProMetGluThrPheArgLys-ValGlyLLeProLeuLLeLLeLLeLLeLLeLLeLLe 41
DB 277 ATCCCATGAGAGCTTCAAGAAAGTGGGAGATCCCATCATCATATGACATCTAGCCT 336
QY 41 uAlaSerLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLe 61
DB 337 GCGAGATATCATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 396
QY 61 uCysGlyGlnProLeuHisPheLLeProArgLysGlnLeuCysAspGlyGluLeuAspCy 81
DB 397 CTGGCGGAGCCTCTCCACTTATCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 456
QY 81 sProLeuGlyLLeuAspGlyGlnHisCysValLysSerPheProGlyProAlaValAl 101
DB 457 TCCCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 516
QY 101 aValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr 121
DB 517 AGTCGCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 576
QY 121 pPheSerLLeCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMe 141
DB 577 GTTCTCTGCTGTTTGCACAACTTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 636
QY 141 tGlyTyrSerSerLysProThrPheArgAlaValGluLLeGlyProAspGlnAspLeuAs 161
DB 637 GGGCTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 696
QY 161 pValValGluLLeThrGlnLeuSerGlnLLeuArgMetArgAsnSerSerGlyProCy 181
DB 697 TGTGTTGAATTCACAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 756
QY 181 sLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPr 201
DB 757 TCTCTCAGGCTCTCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 816
QY 201 oArgValValGlyLysGlnLLeuAlaSerValAspSerTrpProGlnAlaSerLLeG 221
DB 817 CCGGTGGTGGGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 876
QY 221 nTyrAspLysGlnHisValCysGlyLysSerLLeuAspProHisTrpValLeuThrAl 241
DB 877 GTAGAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 936
QY 241 aAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAs 261
DB 937 AGCCCATGCTTTCAGAGAAACATACCGATGTGTTCACTGGAAAGTCCGGGAGAGCTCACA 996
QY 261 pLysLeuGlySerPheProSerLeuAlaValAlaLysLLeLLeLLeLLeLLeLLeLLeLLe 1016
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DB 997 CAAACTGGAGAGCTTCCCATCTCTGGCTGGCCAGATCATCATGATTAATCAACCC 1056
QY 281 oMetLysProLysAspAsnAspLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLe 301
DB 1057 CATGTACCCCAAGAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1116
QY 301 rGlyThrValArgProLLeCysLeuProPheAspGlnLLeuThrProAlaThrPr 321
DB 1117 AGGACAGTCAAGGAGCCCATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1176
QY 321 oLeuTrpLLeLLeGlyTrpGlyPheThrLysGlnAsnGlyLysLysMetSerAspLLeLLe 341
DB 1177 ACTCTGATCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1236
QY 341 uLeuGlnAlaSerValGlnValLLeAspSerThrArgCysAsnAlaAspAspAlaTrpG 361
DB 1237 GCTCAGAGCGTCAGTCCAGATCATGTACAGACACAGCGTGCMAATGACAGAGATGCTGACCA 1296
QY 361 nGlyLLeuValThrGlnLysMetMetCysAlaGlyLLeProGlyLysGlyValAspThrCy 381
DB 1297 GGGGAGAGTACCGAGAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1356
QY 381 sGlnGlyAspSerGlyLysProLeuMetLysGlnSerAspGlnTrpHisValValGlyL 401
DB 1357 CAGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1416
QY 401 eValSerTrpGlyLysGlyCysGlyLysProSerThrProGlyValLysThrValValSe 421
DB 1417 GATTAGCTGGGCTTATGCTGCGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1476
QY 421 rAlaLysLeuAsnTrpLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLeLLe 435
DB 1477 AGCTATCTCACTGATCATCAATGTCTGAAGGCTGAGCTG 1519

RESULT 53
US-09-525-993A-21
; Sequence 21, Application US/09525993A
; GENERAL INFORMATION:
; APPLICANT: Mack, David
; APPLICANT: Gish, Kurt
; APPLICANT: Wilson, Keith
; TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSING COLORECTAL CANCER.
; TITLE OF INVENTION: COMPOSITIONS, AND METHODS OF SCREENING FOR COLORECTAL
; TITLE OF INVENTION: CANCER MODULATORS
; FILE REFERENCE: A-67474-4/DJB/JJD
; CURRENT APPLICATION NUMBER: US/09/525,993A
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 09/268,866
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 09/436,983
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 09/435,945
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 09/450,857
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: 09/453,850
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: 09/493,444
; PRIOR FILING DATE: 2000-01-28
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-525-993A-21

Alignment Scores:
Pred. No.: 0
Score: 2324.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Length: 2079
Matches: 434
Conservative: 0
Mismatches: 0
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Query Match: 99.23% Indels: 1
 DB: 25 Gaps: 0

US-10-803-530-2 (1-435) x US-09-525-993A-21 (1-2079)

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  2 AspProaspSerAspGlnProleuAsnSerLeuAspValIysProLeuArgIysProArg 21
  217 GATCTGACGATGATCAACCTCTGAAACGCTCCGATGCAACCCCTCGCAACCCCTG 276
  22 IleProMetGluThrPheArgIys-ValGlyIleProIleIleIleValaleuSerIe 41
  277 ATCCCAATGAGAACCTTCAGAAAGTGGGGATCCCATCATCATAGCACTAGTACGCT 336
  41 uAlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIle 61
  337 GCGCGATCATCATATGGTGTTGCTCTCATCATCAAGGTGATTCGTGAATCAATCTTCT 396
  61 uCyGglIyGlnProleuHIsphellIeProArgIyGlnIleuCyAspGlyIyIleuAspCy 81
  397 CTGCGGAGCGCTCTCCACTTCATCCAGAGAGAGCGCTGTGTGAGGAGAGCTGAGCTG 456
  81 sProleuGlyGluAspGluGluHIsCyValIysSerPheProGluGlyProAlaValAl 101
  457 TCCCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 516
  517 AGTCGGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 576
  101 aValArgIleuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTr 121
  517 AGTCGGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 576
  121 pPheSerAlaCySphAspAsnPheThrGluAlaLeuAlaGluThrAlaCyValIyGlnIe 141
  577 GTTCTCTGCTGTTTCCAGCACTTCAGAAAGCTCTCGCTGAGAGAGCGCTGTAGGAGAT 636
  141 tGlyIyIysSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAs 161
  637 GGGCTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 696
  161 pValValGlnIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyProCy 181
  637 TGTGTTGAAATACAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 756
  181 sLeuSerGlySerLeuValSerLeuHIsCySleuAlaCySglIyIysSerLeuIysThrPr 201
  757 TCTCTCAGGCTCCCTGGTCTCTCCGACAGTCTTGCTGTGGAGAGAGAGAGAGAGAG 816
  201 cArgValValGlyIyGluGluAlaSerValAspSerTrpCotIyGlnIleValSerIleG 221
  817 CCGTGTGGGTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 876
  221 nTyTrAspIySglnHIsValIySglIyGlySerIleuAspProHIsTrpValIleuThrAl 241
  877 GTACAGCAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 936
  241 aAlaHIsCySphAspGlySglnIleThrAspValPheAsnTrpIySValArgAlaGlySerAs 261
  937 AGCCCACTGCTTCAGGAAACATACCAATGTGTTCACTGGAAGTGCGGGAGAGCTCA 996
  261 pIySleuGlySerPheProSerLeuAlaValAlaIySleIleIleIleGlnPheAsnPr 281
  997 CAACAGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1056
  281 oMetIyTrpIySAspAsnAspIleAlaIleuMetIySleuGlnIleProleuThrPheSe 301
  1057 CATGTACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1116
  301 rGlyThrValArgProIleCySleuProPhePheAspGluGluIleuThrProAlaThrPr 321
  1117 AGGCAAGTCAAGCCCATCTGTGTGCTCTTTGATGAGAGAGCTCACTCCAGCCACCCC 1176
  321 oLeuTrpIleIleGlyIyTrpGlyPheThrIySglnAsnGlyIyIySmetSerAspIleIe 341
  1177 ACTCTGATCATTTGATGGGGCTTTTACGAGAGAGAGATGAGAGAGAGATGTCTGACATCT 1236
  
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341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaIyGly 361
 1237 GCTGCAAGCGGTCAATCCAGGTCAATTTGACAGACAGGGGAGATGACAGATGCGTACCA 1296

361 nGlyIyValIleThrGluIySmetMetCyAlaGlyIleProGluGlyIyValAspThrCy 381
 1297 GGGGGAAGTCAACCAAGAAAGATGATGTGTGCGAGCATCCCGAAGGGGGGTGTGGACCTG 1356

381 sGlnGlyAspSerGlyIyProleuMetIyGlnIleSerAspGlnIlePheIleValIleGlyI 401
 1357 CCAGGAGTACAGTGTGGGGCCCTGATGTACCAATCTGACAGAGTGTGTGGAGGAT 1416

401 eValSerTrpGlyIyTrpGlyCySglIyGlyProSerThrProGlyValIyThrIySValSe 421
 1417 CATTAGCTGGGGCTGTGTGCTCGGGGGCCCGAGACACCCAGAGATATACCAAGATCTCTC 1476

421 rAlaTyIleuAsnTrpIleTyAsnValIlePheAlaGluLeu 435
 1477 AGCTATCTCAATGATCTCAATGTCTGAGAGGCTGAGCTG 1519

RESULT 54
 US-09-776-191-71
 ; Sequence 71, Application US/09776191
 ; GENERAL INFORMATION:
 ; APPLICANT: Edwin L. Madison
 ; APPLICANT: Edgar O. Ong
 ; APPLICANT: Jiumn-Chern Yeh
 ; APPLICANT: Corvas International, Inc.
 ; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING
 ; TITLE OF INVENTION: TRANSMEMBRANE SERINE PROTEASES, THE ENCODED PROTEINS AND
 ; FILE OF INVENTION: METHODS BASED THEREON
 ; FILE REFERENCE: 24745-1607
 ; CURRENT APPLICATION NUMBER: US/09/776,191
 ; PRIOR FILING DATE: 2001-02-02
 ; PRIOR APPLICATION NUMBER: 60/213,124
 ; PRIOR FILING DATE: 2000-06-22
 ; PRIOR APPLICATION NUMBER: 60/234,840
 ; PRIOR FILING DATE: 2000-06-22
 ; PRIOR APPLICATION NUMBER: 60/179,982
 ; PRIOR FILING DATE: 2000-02-03
 ; PRIOR APPLICATION NUMBER: 60/183,542
 ; PRIOR FILING DATE: 2000-02-18
 ; PRIOR APPLICATION NUMBER: 09/657,968
 ; PRIOR FILING DATE: 2000-02-08
 ; NUMBER OF SEQ ID NOS: 72
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 71
 ; LENGTH: 2079
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (251)...(1522)
 ; OTHER INFORMATION: Nucleotide sequence encoding transmembrane
 ; OTHER INFORMATION: protease, serine 4 (TPRSS4)
 ; PUBLICATION INFORMATION:
 ; DATABASE ACCESSION NUMBER: GenBank NM016425
 ; DATABASE ENTRY DATE: 2000-11-06
 ; US-09-776-191-71

Alignment Scores:
 Pred. No.: 0 Length: 2079
 Score: 2324.00 Matches: 434
 Percent Similarity: 99.77% Conservative: 0
 Best Local Similarity: 99.77% Mismatches: 0
 Query Match: 99.23% Indels: 1
 DB: 32 Gaps: 0

US-10-803-530-2 (1-435) x US-09-776-191-71 (1-2079)

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  2 AspProaspSerAspGlnProleuAsnSerLeuAspValIysProLeuArgIysProArg 21
  217 GATCTGACGATGATCAACCTCTGAAACGCTCCGATGCAACCCCTCGCAACCCCTG 276
  
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QY 22 ILeProMeGluThrPheArgLys-ValGlyIleProIleIleIleAlaLeuLeuSerLe 41
Db 277 ATCCCAATGAGAGCTTCAGAAAGTGGGATCCCATCATCATGACACTAGTGGCT 336
QY 41 uLaSerIleIleIleValValIleuIleLysValIleLeuAspLysThrTyPheLe 61
Db 337 GGGAGATCATCATTTGTGGTCTCTCATCAAGGATGATTCGGATTAATTACTACTCT 396
QY 61 uCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGluLeuAspCy 81
Db 397 CTGGGGAGAGCTCTCCACTTCACCGAGAAAGCTGTGTGACGAGAGACTGGACTG 456
QY 81 sProLeuGlyGluAspGlyGluHisCysValIlysserPheProGluGlyProAlaValAl 101
Db 457 TCCCTTGGGGAGAGAGAGAGACTGTGTCAAGACTTCCCGAAGGGCTTCGAGTGGC 516
QY 101 aValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTr 121
Db 517 AGTCCGCTCTCCAGAGAGCCGATCCAGCTGAGGTGGCTGGCCACAGGAGACTG 576
QY 121 PheSerAlaCyPheAspAsnThrGlnAlaLeuAlaGluThrAlaCyAsArgLme 141
Db 577 GTTCTGTGCTGTTTCAGAACTTCAGAAAGCTTCGCTGAGACAGCTGTAGGCAAT 636
QY 141 tGlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAs 161
Db 637 GGGGCTACAGCAGCAAAACCACTTCAAGACTGTGAAGTGGCCAGACAGAGATCTGA 696
QY 161 pValValGluIleThrGluAsnSerGlnIleuLeuArgMeArgAsnSerSerGlyProCy 181
Db 697 TGTGTGTAATCAGCAAGAAACAGCCAGAGCTTGCGATGCGAATCAAGTGGGCTTG 756
QY 181 sLeuSerGlySerLeuValSerLeuHisCysLeuAlaCyGlyLysSerLeuLysThrPr 201
Db 757 TCTTCAGGCTCCCTGGTCTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 816
QY 201 oArgValValGlyGlyGluGlnAlaSerValAspSerThrProTrpGlnValSerIleG 221
Db 817 CCGTGTGGTGGTGGGAGAGAGCTCTGTGTGATTTCTTGGCTTGGCAGGTCACATCCA 876
QY 221 nTyrAspLysGlnHisValCyGlyGlySerIleLeuAspProHisTrpValIleuThrAl 241
Db 877 GTACGACAAACAGCAGCTGTGTGAGGAGAGACTCTGAGACCCCACTGGAGTCTCACGGC 936
QY 241 aAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValAlaArgLysSerAs 261
Db 937 AGCCCACTGCTTCAGGAAACATACCGATGTGTCAACTGGAAGTGGCGGAGGCTCAGA 996
QY 261 pLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPr 281
Db 997 CAAACTGGGAGGCTCCATCCCTGGCTGGGCGCAAGATCATCATTTGAAATTCAAACC 1056
QY 281 oMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe 301
Db 1057 CATGTACCCCAAAACATATGATCGCCCTCATATGAGCTGAGTTCCTCACTCACTTCTC 1116
QY 301 tGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPr 321
Db 1117 AGGACAGTCAAGGCGCATGTGTCTGCTCTTGTATGAGGAGTCACTCAAGCACCCC 1176
QY 321 oLeuTrpIleIleIleGlyThrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLe 341
Db 1177 ACTTGGATCATTTGATGGGCTTTTACGAAGCAAAATGAGGAGAGTGTCTGACATACT 1236
QY 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrG 361
Db 1237 GCTGCAAGCGCTCATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1296
QY 361 nGlyGluValThrGlyLysMetMetCysAlaGlyIleProGluGlyGlyValAlaAspThrCy 381
Db 1297 GGGGGAAGTCAACGAGAAAGATGATGTGTGACAGGATCCCGAAGGGGCTGTGACACCTG 1356

QY 381 sGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyI 401
Db 1357 CCAGGATGACAGTGTGGGCGCCCTGATGATACATTCAGACAGTGGATGTGGGCTAT 1416
QY 401 eValSerTrpGlyTyrGlyCyGlyGlyProSerThrProGlyValIleThrLysValSe 421
Db 1417 CGTTAGCGGGGCTATGCTGGCGGGGCGCCGAGACCCCGAGAGATATACCAAGGTCTC 1476
QY 421 tAlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1477 AGCCTATCTCACTGATGATTCATATGTGTGAAAGCTGAGCTG 1519
RESULT 55
US-10-156-214A-38
; Sequence 38, Application US/10156214A
; GENERAL INFORMATION:
; APPLICANT: Edwin L. Madison
; APPLICANT: Joseph Edward Sempke
; APPLICANT: George P. Vlasuk
; APPLICANT: Scott Jeffrey Kemp
; APPLICANT: Mallareddy Komandla
; APPLICANT: Daniel Vanna Siev
; TITLE OR INVENTION: Conjugates Activated By Cell Surface Proteases and Therapeutic Use
; TITLE OR INVENTION: Therof
; FILE REFERENCE: 24745-1611
; CURRENT APPLICATION NUMBER: US/10/156,214A
; CURRENT FILING DATE: 2002-05-23
; NUMBER OF SEQ ID NOS: 611
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (251)..(1522)
; OTHER INFORMATION: Nucleotide sequence encoding transmembrane
; OTHER INFORMATION: protease, serine 4 (TPRSS4)
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank NM016425
; DATABASE ENTRY DATE: 2000-11-06
US-10-156-214A-38
Alignment Scores:
Pred. No.: 0 Length: 2079
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.23% Indels: 1
DB: Gaps: 0
US-10-803-530-2 (1-435) x US-10-156-214A-38 (1-2079)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgLysProArg 21
Db 217 GATTCGACAGATCACTCTGAACAGCTCGATGTCAAACCCCTCGCAAAACCCGT 276
QY 22 ILeProMeGluThrPheArgLys-ValGlyIleProIleIleIleAlaLeuLeuSerLe 41
Db 277 ATCCCAATGAGAGCTTCAGAAAGTGGGATCCCATCATCATGACACTAGTGGCT 336
QY 41 uLaSerIleIleIleValValIleuIleLysValIleLeuAspLysThrTyPheLe 61
Db 337 GGGAGATCATCATTTGTGGTCTCTCATCAAGGATGATTCGGATTAATTACTACTCT 396
QY 61 uCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGluLeuAspCy 81
Db 397 CTGGGGAGAGCTCTCCACTTCACCGAGAAAGCTGTGTGACGAGAGACTGGACTG 456
QY 81 sProLeuGlyGluAspGlyGluHisCysValIlysserPheProGluGlyProAlaValAl 101
Db 457 TCCCTTGGGGAGAGAGAGACTGTGTCAAGACTTCCCGAAGGGCTTCGAGTGGC 516

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QY 101 aValArgLeuSerlyAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr 121
Db 517 AGTCGCGCTCTCCAGAGACCATTCACATCGTAGGTGTGACTCGGCCACAGGAACTG 576
QY 121 pPheSerAlaCysPheAspAsnPhenThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMe 141
Db 577 GTTCTGCGCGTGTTCAGCACTTCACAGAAAGCTCTCGCTGACAGAGCTGTAGGAGAT 636
QY 141 tGlyTyrSerSerlyAspProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAs 161
Db 637 GGGCTACAGCAGCAAAACCCACTTCAGAGCTGTGAGATTTGGCCACAGCAAGATCTGGA 696
QY 161 pValValGlnIleThrGlnAsnSerGlnGlnLeuArgLeuArgAsnSerSerGlyProCys 181
Db 697 TGTGTGTAATATCACAGAAACAGCCAGAGAGCTTCAGAGGAACTCAAGTGGGCGCTG 756
QY 181 sLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPr 201
Db 757 TCTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTTCCCTGTGGAAAGACCTGGAAGACCC 816
QY 201 cArgValArgIleGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 817 CCGTGTGGTGGTGGGAGAGAGGCTCTGTGGATTCTTGCCCTTGGCAGGTCAGCATCCA 876
QY 221 nTyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleuThrAl 241
Db 877 GTACGACAAACAGCAGTCTGTGGAGGAGCAGCTTGAAGCCCACTGAGTCTTCAAGGC 936
QY 241 aAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAs 261
Db 937 AGCCCACTGCTTCAGGAACATACCGAGTGTTCACATGGAAAGTGGCGGAGGCTCAGA 996
QY 261 pLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPr 281
Db 997 CAACACTGGGAGCTTCCCATCCCTGCTGTGGCCAGATCATCATCATTTGAATTCACACC 1056
QY 281 cMetCysTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhse 301
Db 1057 CATGATACCCCAAGCAATGATGAGCTCCCTCATGAAAGCTGAGTCCCACTCATCTTCTC 1116
QY 301 tGlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPr 321
Db 1117 AGGCACATGAGGCCCATCTGTCTGCTCCCTTTATAGAGAGCTCATCCAGCCACCCC 1176
QY 321 oLeuTrpIleIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLe 341
Db 1177 ACTTGATCATTTGATGGGCTTTACGAAGCAGATGAGGAGGAGATGTCTGACATACT 1236
QY 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThrGln 361
Db 1237 GCTGAGGCGCTCAGTCCAGGTATTGACAGCACAGGTGCAATGACAGAGATGCGTACCA 1296
QY 361 nGlyGlnValThrGlnLysMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
Db 1297 GGGGGAAGTACCCAGAAAGATATGTGTCAAGCATCCCGAAAGGGGGGTGTGACACTG 1356
QY 381 sGlnGlnLysAspSerGlyGlyProLeuMetLysGlnSerAspGlnTrpHisValValGlyYll 401
Db 1357 CCAAGGTGACATGTGGTGGGCGCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGCA 1416
QY 401 eValSerTrpGlyLysGlyCysGlyGlyProSerThrProGlyValIleThrLysValSe 421
Db 1417 CGTTGAGTGGGCTATGTGCTGGGGGGCCGAGACCCCAAGAGATATACCAAGGTCTTC 1476
QY 421 tAlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGlnLeu 435
Db 1477 AGCCTATCTCAACTGATCTCAATGTCTGGAAGGCTGAGCTG 1519

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RESULT 56
 US-10-254-289-1
 ; Sequence 1, Application US/10254289
 ; GENERAL INFORMATION:
 ; APPLICANT: Mack, David

```

; APPLICANT: Gish, Kurt
; APPLICANT: Wilson, Keith
; TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSING COLORECTAL CANCER, COMPOSITIONS, AND
; TITLE OF INVENTION: OF SCREENING FOR COLORECTAL CANCER MODULATORS
; FILE REFERENCE: A-69108/DUE/JUD/AMS
; CURRENT FILING DATE: 2002-09-24
; PRIOR APPLICATION NUMBER: US/10/254,289
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: US 09/525,993
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 09/493,444
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: PCT/US 00/07044
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-254-289-1

Alignment Scores:
Pred. No.: 0 Length: 2079
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.23% Indels: 1
DB: Gaps: 0

US-10-803-530-2 (1-435) x US-10-254-289-1 (1-2079)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 217 GATCCTGACAGTGAATCAACCTCTGAAACAGCTTCAGATGCAACCCCTGCGAAACCCGT 276
QY 22 IleProMetGlnThrPheArgLys-ValGlyIleProIleIleIleAlaLeuSerLe 41
Db 277 ATCCCACTGAGACCTTTCAGAAAGTGTGGGATCCCATCATCATAGCATAGAGGCT 336
QY 41 uAlaSerIleIleIleValValIleLeuIleLysValIleLeuAspLysTyrTrpPheLe 61
Db 337 GCGGAGTATCATATGTGTGTTGCTTCATCAAGGTGATTCGATTAATACTACTTCTCT 396
QY 61 uCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
Db 397 CTGCGGCGAGGCTCTCCACTTCATCCAGAGAAAGCAGTGTGTGACGAGAGAGCTGACTG 456
QY 81 sProLeuGlyGlnAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla 101
Db 457 TCCCTTGGGAGGAGCGAGAGACATGTGTCAAGGCTTCCCGAAAGGCGCTGCACTGGC 516
QY 101 aValArgLeuSerlyAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr 121
Db 517 AGTCGCGCTCTCCAGAGACCATTCACATCGTAGGTGTGACTCGGCCACAGGAACTG 576
QY 121 pPheSerAlaCysPheAspAsnPhenThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMe 141
Db 577 GTTCTGCGCGTGTTCAGCACTTCACAGAAAGCTCTCGCTGACAGAGCTGTAGGAGAT 636
QY 141 tGlyTyrSerSerlyAspProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAs 161
Db 637 GGGCTACAGCAGCAAAACCCACTTCAGAGCTGTGAGATTTGGCCACAGCAAGATCTGGA 696
QY 161 pValValGlnIleThrGlnAsnSerGlnGlnLeuArgLeuArgAsnSerSerGlyProCys 181
Db 697 TGTGTGTAATATCACAGAAACAGCCAGAGAGCTTCAGAGGAACTCAAGTGGGCGCTG 756
QY 181 sLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPr 201
Db 757 TCTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTTCCCTGTGGAAAGCTGGAAGACCC 816

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QY 201 oArGvAlValIGlyGlyGluGluAlaSerValaAspSerTrpProTrpGlnValSerIleG1 221
 Db 817 CCGTGGGGGGGGGGAGAGAGCCCTCTGTGATCTCTTGCCCTTGCCAGCTCAGATCCA 876
 QY 221 nTYrAspLySGlnHisValCYeGlyGlySerIleLeuAspProHisTrpValLeuThrAl 241
 Db 877 GTAAGCAAAACAGCAGCTGTGTGAGGAGAGCATCCCGACCCCACTGGGTCTTCAAGCC 936
 QY 241 aAlaHisCYsPheAaGlySHisThrAspValPheAsnTrpLysValArgAlaGlySerAs 261
 Db 937 ACCCCACCTGCTTCAGAGAAACATACCGATGTGTTCACATGGAAGAGTGGGGCAGGCTCAGA 996
 QY 261 pLYsLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleIleGluPheAspPr 281
 Db 997 CAACCTGGGACAGCTTCCCATCCCTGGCTGTGGCCAAAGATCATCATTAATTAACCC 1056
 QY 281 oMeTrpProLyAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe 301
 Db 1057 CATGTACCCCAAGCAATGATGATGCGCTCATGAAGCTGAGTTCCCACTCATTCTTC 1116
 QY 301 rGlyThrValArgProIleCYeLeuProPhePheAspGluLeuThrProAlaThrPr 321
 Db 1117 AGGCAAGTCAGGCCCCTCTGTCTCTCTTTGATGAGAGCTCACTCCAGCCACCC 1176
 QY 321 oLeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLe 341
 Db 1177 ACTGTGATCATTTGATGGGCTTTACGAGCAGATGAGAGGAAGATCTGTGACATCT 1236
 QY 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCYsAsnAlaAspAspAlaTYrG1 361
 Db 1237 GCTGAGGCGTCAGCCAGCTCATTTGACAGCAGCGGTGCAATGACAGATGCGTACCA 1296
 QY 361 nGlyValuValThrGlyLysMetMetCYsAlaGlyIleProGluGlyValaAspTrpCY 381
 Db 1297 GGGGGAATTCACCAAGAGATGATGTGCAAGCATCCCGAAGGGGTGTGACACTG 1356
 QY 381 sGlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValaValaGlyI1 401
 Db 1357 CCAGGTGACAGTGTGTGGGCCCTGTGATGATCAATCTGACACAGTGGCATGTGTGGGAT 1416
 QY 401 eValSerTrpGlyTrpGlyCYsGlyGlyProSerThrProGlyValaTYrThrLysValSe 421
 Db 1417 CGTAGCGGGGCTATGCTGTGGGGGCCCAAGCAGCCCAAGAGTAATACCAAGAGTCTC 1476
 QY 421 rAlaTYrLeuAsnTrpIleTYrAsnValTrpLysAlaGlyLeuCY 435
 Db 1477 AGCTATCTCAACTGATCTACATGTCTGGAAGGCTGAGCTG 1519
 RESULT 57
 US-10-264-820-22
 ; Sequence 22, Application US/10264820
 ; GENERAL INFORMATION:
 ; APPLICANT: Eos Biotechnology, Inc.
 ; TITLE OF INVENTION: Novel Methods of Diagnosing Colorectal Cancer,
 ; TITLE OF INVENTION: Compositions, and Methods of Screening for Colorectal
 ; TITLE OF INVENTION: Cancer Modulators
 ; FILE REFERENCE: 018501-006141US
 ; CURRENT APPLICATION NUMBER: US/10/264, 820
 ; PRIOR FILING DATE: 2003-02-20
 ; PRIOR APPLICATION NUMBER: US 09/268, 866
 ; PRIOR FILING DATE: 1999-03-15
 ; PRIOR APPLICATION NUMBER: US 09/435, 945
 ; PRIOR FILING DATE: 1999-11-09
 ; PRIOR APPLICATION NUMBER: US 09/436, 983
 ; PRIOR FILING DATE: 1999-11-09
 ; PRIOR APPLICATION NUMBER: US 09/450, 857
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: US 09/453, 850
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: US 09/493, 444
 ; PRIOR FILING DATE: 2000-01-28
 ; PRIOR APPLICATION NUMBER: US 09/525, 993
 ; PRIOR FILING DATE: 2000-03-15

; NUMBER OF SEQ ID NOS: 34
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 22
 ; LENGTH: 2079
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: CUA8 cDNA
 ; NAME/KEY: CDS
 ; LOCATION: (251)..(1522)
 ; OTHER INFORMATION: human CGA8
 US-10-264-820-22
 Alignment Scores:
 Pred. No.: 0
 Score: 2324.00
 Percent Similarity: 99.77%
 Best Local Similarity: 99.77%
 Query Match: 99.23%
 DB: 43
 Gaps: 1
 Length: 2079
 Matches: 434
 Conservative: 0
 Mismatches: 0
 Indels: 1
 Gaps: 0
 US-10-803-530-2 (1-435) x US-10-264-820-22 (1-2079)
 QY 2 AspProAspSerAspGlnProLeuAsnSerIleuAspValIlyPProLeuArglyPProArg 21
 Db 217 GATCTGACAGTATCAACCTTGAAACAGCTTGATGTCAAAACCCCTGGCAAAACCCCGT 276
 QY 22 lPProMetGluThrPheArgLys-ValGlyIleProIleIleIleAlaLeuLeuSerIe 41
 Db 277 ATCCCATGAGAGACCTTCAGAAAGTGTGGGATCCCAATCATATGACATCTAGACCT 336
 QY 41 uAlaSerIleIleIleValaValaValaIleuIleLysValIleLeuAspLysTYrTYrPheLe 61
 Db 337 GCGAGATCATCATATGTGTGTCTCTCATCAAGGTGATTCGTGATTAATACTACTTCT 396
 QY 61 uCYsGlyGlnProLeuHisPheIleProArgLysGlnLeuCYsAspGlyGluLeuAspCY 81
 Db 397 CTCGGGAGACCTCTTCACTTCAATCCGAGAAAGAGCTGTGTGACGGAGAGCTGAGCTG 456
 QY 81 sProLeuGlyGlyuAspGluGluHisCYsValLysSerPheProGluGlyProAlaValAla1 101
 Db 457 TCCCTTGGGGAGAGAGAGAGACAGTGTCAAGAGCTTCCCGAAGGGCTGAGTGGC 516
 QY 101 aValaArgLeuSerLysAspArgSerThrLeuGlnValaLeuAspSerAlaThrGlyAsnTr 121
 Db 517 AGTCCGCTCTTCAAGAGACCATCACTGACAGGTGTGAGCTGCGCCACAGGGAGAACTG 576
 QY 121 pPheSerAlaCYsPheAspAsnPheThrGluAlaLeuAlaGluTrpAlaCYaArgG1me 141
 Db 577 GTTCTGTGCTGTGTGTGACAACTTCACAGAGCTTCCTGTGAGACAGCTGTAGGCAAGT 636
 QY 141 rGlyTYrSerSerLysProThrPheArgAlaValaGluIleGlyProAspGlnAspLeuAs 161
 Db 637 GGGCTACACAGCAAAACCACTTCAAGCTGTGAGAGTGTGAGCCACAGACAGACTGCA 696
 QY 161 pValaValaGluIleThrGluAsnSerGluGluLeuArgMetArgAsnSerSerGlyProCY 181
 Db 697 TGTGTGTAATCAAGAAACAGCCAGAGAGCTTGTGACATGCGGAAGCTCAAGTGGGCTGTG 756
 QY 181 sLeuSerGlySerLeuValSerLeuHisCYsLeuAlaCYsGlyLysSerLeuLysThrPr 201
 Db 757 TCTCTCAGGCTCCCTGTGTGCTCTCTGCACTGTCTGCTGTGGGAAGAGCTGGAAGACCC 816
 QY 201 oArGvAlValIGlyGlyGluGluAlaSerValaAspSerTrpProTrpGlnValSerIleG1 221
 Db 817 CCGTGGGGGGGGGGAGAGAGCCCTCTGTGATCTCTTGCCCTTGCCAGCTCAGATCCA 876
 QY 221 nTYrAspLySGlnHisValCYsGlyGlySerIleLeuAspProHisTrpValLeuThrAl 241
 Db 877 GTAAGCAAAACAGCAGCTGTGTGAGGAGAGCATCTGGAACCCCACTGGGTCTTCAAGCC 936
 QY 241 aAlaHisCYsPheArgLysSHisThrAspValPheAsnTrpLysValArgAlaGlySerAs 261

D	b		937	AGCCCACTGCTTCACGGAAACAATACCgATGTGTTCACACTCGAAGGTCGGCAGCTCACGA	996
O	y		261	pLyseLengIySerPheProSeLeuAlaValAlaYsllellellellellupheaSpr	281
D	b		997	CAAACTGGGGAGCTTCCCATCCCTGGCTGGCCAAAGATCATCATTAATTCAACCC	1056
O	y		281	oMetTyTrProlysaPaasnaApIlleAlleuMeLysLeuGlInPheProLeuthrPhase	301
D	b		1057	CATGATACCCCAAAGAACAATGATGCATGCCCTCATGAAAGCTGACAGTTCCACATCACTTTCCTC	1116
O	y		301	rgLYThrAlaIngPrOlieCySteuProPhheaSpJugIueuthrProAlaThPr	321
D	b		1117	AGGCACTACAGGCCCATCTGCTGCCCTTCTTATATAAGAGACTCATCTCCAGCACCCC	1176
O	y		321	oleuTriplelleGIyTPdJyPheThrThylseGlnaenGIyLysMetSerAspIlele	341
D	b		1177	ACTCTGGATCATTTGGATGGGCTTTTACAAAGCAATGAGGGAAGATGTCTGACATACT	1233
O	y		341	uLeuGlnaIaseVaIaGlnValIleaspSerThraArgCysaaenaIaaspAlaTyrcI	361
D	b		1237	GCTGACGGCGTCAGTCCAGTCATTTGACAGCACACGGTGCAATGACAGAACGCTTACCA	1296
O	y		361	nGIyGluValThrgIuLysMetMetCysalaGIytleProJugIyGIyValaSPthCY	381
D	b		1297	GGGGGAATCATCCGAAGAATGATGTGTGACAGGCATCCCGAAGGGGGGTGACACCTG	1356
O	y		381	sGINglyaSPserGIyIyProLeuMeTyrcInsarApGIntnPHIsvalIGlytI	401
D	b		1357	CCAGGGTACAGTGGATGGGCCCTCATGTGACCAATCTGACCAAGTGGATGTGGGCAT	1416
O	y		401	eValSerTpGLyTYrGIyCyBgILyIyProserThrProGIyValIyTYThLysValSE	421
D	b		1417	CGTTAGCTGGGGCTATGCTGTGGGGGCCCGAGCACCCACGAAGTATACACCAAGTCTTC	1476
O	y		421	rAlaSLytleuaSantPplleyrAsnValTrrpyaIagiueu	435
D	b		1477	AGCCATATCTCAACTGATCTCAAAATGTCTGGAAGCTAGAGCTG	1519

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RESULT 58
US-10-264-820A-22
Sequence 22, Application US/10264820A
GENERAL INFORMATION:
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosing Colorectal Cancer
FILE REFERENCE: 05882_0137.DVUS03
CURRENT APPLICATION NUMBER: US/10/264,820A
CURRENT FILING DATE: 2002-10-03
PRIOR APPLICATION NUMBER: US 09/525,993
PRIOR FILING DATE: 2000-03-15
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 22
LENGTH: 2079
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: CJA8 CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: (251)..(1522)
OTHER INFORMATION: human CGA8
US-10-264-820A-22

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Alignment Scores:	
Pred. No.:	0
Score:	2374.00
Percent Similarity:	99.77%
Best Local Similarity:	99.77%
Query Match:	99.23%
DB:	43
Length:	2079
Matches:	434
Conservative:	0
Mismatches:	0
Indels:	1
Gaps:	0

US-10-803-530-2 (1-435) x US-10-264-820A-22 (1-2079)

QY	2	AspProAspSerAspGlnProLeuAsnSerLeuAspValValysProLeuAlaGlyProArg	21
Db	217	GATCTCGACAGTGAATCAACTCTTAAACAAGCTCCATGTCAAAACCCCTGCGAAACCCCT	276
QY	22	ILleProMetGlnThrPheArgLys-ValGlyIleProIleIleIleAlaLeuSerLe	41
Db	277	ATCCCAATGGAGACCTTCAGAAAGTGGGATCCCATCATCATATAGCACTTACGAGCT	336
QY	41	uAlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysIleTyrPheLe	61
Db	337	GCGCGATCATCATCTGTGGTTCCTCATCAAGGTGATTCGTGTAATATCACTTCTCT	396
QY	61	uCyGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGluLeuAspCy	81
Db	397	CTGGCGGAGAGCTCTCCACTTCATCCGAGAAAGCAAGCTGTGTGACGAGAGCTGGACTG	456
QY	81	sProLeuGlyGlnAspGlnGlnHisCyAsValLysSerPheProGlnGlyProAlaValAl	101
Db	457	TCCCTTGGGGAGAGCAGAGGACACTGTGTCAAGACTTCCCGAAGGCGCTGCAGTGGC	516
QY	101	aValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr	121
Db	517	AGTCGAGCTCTCAAGAGACCGATCCACACTGAGGTGTGACTCGGACACAGGAGACTG	576
QY	121	pPheSerAlaCySPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCySPArgLme	141
Db	577	GTTCTCTCTCCGTGTTCGAACTTCAAGAAAGCTCTCCCTGACAGAGCTGTGAGCAAT	636
QY	141	tGlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAs	161
Db	637	GGGCTACAGCAGCAAAACCCACTTTCAGAGCTGTGAGATTTGGCCCAAGCCAGAGATCTGA	696
QY	161	pValValIleIleThrGlnAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCy	181
Db	697	TCTTTTGAATACAGAAACAGCCAGAGACTTCGATGGGAATCAAGTGGGCGCTG	756
QY	181	sLeuSerGlySerLeuValSerLeuHisCySLeuAlaCySGlyLysSerLeuLysThrPr	201
Db	757	TCTCTCAGAGCTCCCTGATCTCCCTGCACTGTCTTGGCTGTGGGAAAGACCTGAGAGACCC	816
QY	201	oArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleG	221
Db	817	CCGTGTGTGGGTGGGAGAGGCGCTGTGTGATTTCTTGGCCTTTGGCAGGTACGATCA	876
QY	221	nTyraSPysGlnHisValCySGlyGlySerIleLeuAspProHisTrpValLeuThrAl	241
Db	877	GTACACAAACAGCAGCTGTGTGAGGAGCATCTTGACCCCACTGGTCTCTACGGC	936
QY	241	aAlaHisCySPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAs	261
Db	937	AGCCACACTGCTTCAAGAAACATACCGATGTGTCAACTGAAAGGTGGCGGCGCTCAGA	996
QY	261	pLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGlnPheAsnPr	281
Db	997	CAAACTGGGCAAGCTTCCATCCCTGGCTGTGGCCAAAGATCAATCAATGGAATTGAACCC	1056
QY	281	oMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe	301
Db	1057	CATGTACCCCAAGCAATGAGATGCGCTCATGAGAGCTGACGTTCCTCACTTCTTC	1116
QY	301	rGlyThrValArgProIleCySLeuProPhePheAspGlnGluLeuThrProAlaThrPr	321
Db	1117	AGGCAAGATCAGGCCATCTGTCTGCCCTTCTTTGATGAGGAGCTCATCTCCAGCACCCC	1176
QY	321	oLeuTrpIleIleGlyTyrPglyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLe	341
Db	1177	ACTCTGAGTCAATTGATGGGGCTTTTACAAAGCAGATGAGGAAAGATGTCTGACATCT	1236
QY	341	uLeuGlnAlaSerValGlnValIleAspSerThrArgCyAsnAlaAspAspAlaTyrG	361
Db	1237	GCTGAGAGGGGTAGTCAAGGTATTGACAGCACAGGTGCATGACAGAGATGCTTACCA	1296


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QY      361  nglYgluValThrGluYusMetMetCysAlaGlyIleProGluGlyGlyValAspThrCY 381
Db      1297  GGGGGAAGTCAACGAAAGATGATGTGTGACGATCCGGAAAGGGGTGTGACACTG 1356
QY      381  sGInglyAspSerGlyGlyProleuMetYrgInSerAspGlnTrpHisValValGlyI1 401
Db      1357  CCAAGGTGACAGTGTGGGCCCTCGATGTACCAATCTGACCAAGGATGTGGTGGGCAT 1416
QY      401  eValSerTrpGlyYrGlyCysGlyGlyProSerThrProGlyValYrThrIysValSe 421
Db      1417  CGTTAGCTGGGGCTATGCTGTGGGGGCCCGACGACCCCAAGATATACCAAGGTCTC 1476
QY      421  rAlaYrLeuAsnTrpIleYrAsnValTrpLysAlaGluLeu 435
Db      1477  AGCTTATCTCACTGATCTACATGTCTGTGAAAGCTGAGCTG 1519

RESULT 59
US-10-326-924-41
; Sequence 41, Application US/10326924
; GENERAL INFORMATION:
; APPLICANT: McLACHLAN, KAREN
; APPLICANT: REF, MITCHELL
; APPLICANT: DANIELS, MARK
; TITLE OF INVENTION: GENES OVEREXPRESSED BY OVARIAN CANCER AND THEIR USE IN
; TITLE OF INVENTION: DEVELOPING NOVEL THERAPEUTICS, ESPECIALLY ANTIBODIES
; FILE REFERENCE: 037003/0301015
; CURRENT APPLICATION NUMBER: US/10/326,924
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: 60/341,860
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/386,748
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/396,141
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: 60/405,319
; PRIOR FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: 60/428,274
; PRIOR FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: Patent version 3.2
; SEQ ID NO 41
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-326-924-41

Alignment Scores:
Pred. No.: 0 Length: 2079
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.23% Indels: 1
DB: 49 Gaps: 0

US-10-803-530-2 (1-435) x US-10-326-924-41 (1-2079)
QY      2  AspProAspSerAspGlnProleuAsnSerleuAspValLysProleuArgLysProArg 21
Db      217  GATCTTACAGTGAATCAACCTCTGAAACGCTTCATGTCAAAACCCCTGGCAAAACCCCGT 276
QY      22  IlleProMetGluThrPheArgLys-ValGlyIleProIleIleIleAlaLeuSerIle 41
Db      277  ATCCCATGAGACACTTCAGAAAGTGGGATCCCATCATCTAGACACTACGAGCCT 336
QY      41  uAlaSerIleIleIleValValLleuIleLysValIleLeuAspLysYrYrPheLe 61
Db      337  GGCAGATATCATCTTGTGTGTCTCATCATCAAGGTGATCTGGATAAATCTACTTCTCT 396
QY      61  uCysGlyGlnProleuHisPheIleProArgLysGlnLeuGlyAspGlyGluAspGly 81
Db      397  CTGGGGGAGGCTCTTCCACTTCATCCGAGGAGAGAGCTGTGTACCGAGAGGCTGGAGCTG 456
QY      81  sProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAl 101
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Db      457  TCCCTTGGGGAGAGACAGAGGACACTGTGTCAAGAGCTTCCCGAAAGGGCTCCAGTGGC 516
QY      101  aValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTr 121
Db      517  AGTCCGCTCTCCAAAGACCGATCCACATGCAAGGTGTGGACTCGGCCCAAGGAACTG 576
QY      121  pPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMe 141
Db      577  GTTCTGCTGCTGTGTCGACCACTTCACAGAGCTTCGCTGAGACAGCTGTAGGCGAT 636
QY      141  tGlyYrSerSerLysAspProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 161
Db      637  GGGCTACAGACGAAACCCACTTTCAGAGCTGTGAGATTGGCCCAAGCATCTGGA 696
QY      161  pValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerGlyProCy 181
Db      697  TGTGTGGAATACAGAAACAGCCAGAGGCTTCGATGCGAAACTCAAGTGGGCTGTG 756
QY      181  sLeuSerGlySerLeuValSerleuHisCysLeuAlaCysGlyLysSerLeuYsThrPr 201
Db      757  TCTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTTGCTGTGGGAAGAGCTGAAGACCC 816
QY      201  oArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleG1 221
Db      817  CCGTGTGTGGTGGGGAGAGGAGGCTCTGTGATTTCTTGAGCTTGGCGAGGTCAGACATCCA 876
QY      221  nYrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAl 241
Db      877  GTACGACAAACACACACCTGTGTGAGAGGACATCTCGAACCCCACTGGGATCTCACGGC 936
QY      241  aAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAs 261
Db      937  AGCCCACTGCTTCAGAAACATACCATGATGTTCACTGAAAGTGGGCAAGGCTCAGA 996
QY      261  pLysLeuGlySerPheProSerleuAlaValAlaLysIleIleIleGluPheAsnPr 281
Db      997  CAAACTGGGAGCTTCCATCCCTGGCTGGCCCAAGATCATCATCAATTAATTCAAACC 1056
QY      281  oMetYrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProleuThrPheSe 301
Db      1057  CATGTACCCCAAGACATATACATATCGCTTCATGAAAGCTCAGATCCACATCTTCTC 1116
QY      301  rGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPr 321
Db      1117  AGGCACAGTACAGGCCATCTGTCTGCCCTCTTTGATGAGAGGTACTCTCAGCACCCC 1176
QY      321  oLeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLe 341
Db      1177  ACTCTGATCATTTGATGGGGCTTTTACGAGCAGAAATGAGAGGAATGTCTGCATACT 1236
QY      341  uLeuGlnAlaSerValGlnValIleAspSerTrpArgCysAsnAlaAspAspAlaYrG1 361
Db      1237  GCTGCAAGCGTCAAGTCCAGGTTCATGTACAGACACAGGTGTGAATGACACATGTGTACCA 1296
QY      361  nglYgluValThrGluYusMetMetCysAlaGlyIleProGluGlyGlyValAspThrCY 381
Db      1297  GGGGGAAGTCAACGAAAGATGATGTGTGACGATCCGGAAAGGGGTGTGACACTG 1356
QY      381  sGInglyAspSerGlyGlyProleuMetYrgInSerAspGlnTrpHisValValGlyI1 401
Db      1357  CCAAGGTGACAGTGTGGGCCCTCGATGTACCAATCTGACCAAGGATGTGGTGGGCAT 1416
QY      401  eValSerTrpGlyYrGlyCysGlyGlyProSerThrProGlyValYrThrIysValSe 421
Db      1417  CGTTAGCTGGGGCTATGCTGTGGGGGCCCGACGACCCCAAGATATACCAAGGTCTC 1476
QY      421  rAlaYrLeuAsnTrpIleYrAsnValTrpLysAlaGluLeu 435
Db      1477  AGCTTATCTCACTGATCTACATGTCTGTGAAAGCTGAGCTG 1519

RESULT 60
US-10-548-460-7
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; Sequence 7, Application US/10548460
; GENERAL INFORMATION:
; APPLICANT: Garvan Institute of Medical Research
; TITLE OF INVENTION: METHODS OF DIAGNOSIS AND PROGNOSIS OF PANCREATIC CANCER
; FILE REFERENCE: 502060/MRO
; CURRENT APPLICATION NUMBER: US/10/548,460
; CURRENT FILING DATE: 2005-08-18
; PRIOR APPLICATION NUMBER: AU 2003900747
; PRIOR FILING DATE: 2003-02-18
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: type II membrane serine protease (TMPRSS4)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (251)..(1519)
; OTHER INFORMATION:
; US-10-548-460-7

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Alignment Scores:
Pred. No.: 0 Length: 2079
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.23% Indels: 1
DB: Gaps: 0

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US-10-803-530-2 (1-435) x US-10-548-460-7 (1-2079)

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QY 2 AAPPProASPserASPGLInProLeuAmsSerLeuASPVallyProLeuArdlyProAry 21
DB 217 GATCCTGCAGATGATCAACCTCTGAAACAGCTCGAGTCAAAACCCCTGGCAAAACCCCT 276
QY 22 ILEPomeGluThrPheArlyls-ValGlyILEProILEILEILEALEuLeuSerle 41
DB 277 ATCCCATGAGAGACCTTCGAAAGTGTGGGAGATCCCATCATCATATGACTACTAGAGCT 336
QY 41 uAlaserlellelleValValleuLeuLeuValleuAspLyserTyrPhele 61
DB 337 GCGGAGTATCATCATTTGTGTGTCTCTCATCAAGGATTCGATTAATACTACTTCTCT 396
QY 61 uCysGlyInProLeuHISPhelIleProArlyGlyInLeuCyAspGlyGluLeuAspCy 81
DB 397 CTGCGGGGAGCTCTCCACCTTCATCCGAGAAAGCCTGTGTGAGAGAGAGCTGAGCTG 456
QY 81 sProLeuGlyGluAspGluGluHISCyVallySerPheProGluGlyProAlaValAl 101
DB 457 TCCCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 516
QY 101 aValArGLeuSerLyAspArGserThrLeuGlnValleuAspSerAlaThrGlyAanTr 121
DB 517 AGTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 576
QY 121 pPheSerAlaCyAspPheAspAsnPherThrGluAlaLeuAlaGluThrAlaCyAspGlm 141
DB 577 GTTCTGTGCTGTTTGCACAACTTCACAGAGAGCTCTGCTGAGAGAGAGAGAGAGAGAG 636
QY 141 tGlyTyrSerSerLyProThrPheArGlyAlaValGluGlyProAspGlnAspLeu 161
DB 637 GGGCTACACAGAGAAACCCATTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 696
QY 161 pValValGluIleThrGluAmsSerGlnLeuAmeGlyAsnSerLyAspSerGlyProCy 181
DB 697 TGTGTGTAATATCAAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 756
QY 181 sLeuSerGlySerLeuValSerLeuHISCySleuAlaCySglyLySerLeuYerThr 201
DB 757 TCTCTCAGAGCTCCTGCTCTCTCTGCACTGTCTGTGAGAGAGAGAGAGAGAGAGAGAG 816
QY 201 oArGValValGlyGlyGluGluAlaSerValAspSerTyrProGlnValSerIleGly 221

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DB 817 CCGTGTGCTGGGTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 876
QY 221 nTyAspLyGlnHISValCySglyLySerIleLeuAspProHISTrPValleuThrAl 241
DB 877 GTACAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 936
QY 241 aAlaHISCyAspPheArGlySHISThrAspValpPheAsnTrpLyValArGAlaGlySer 261
DB 937 AGCCAGCTCTTCAGAGAAACATACCGATGTGTCACTGAAAGAGAGAGAGAGAGAGAG 996
QY 261 pLyLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGluPhAspPr 281
DB 997 CAACCTGGGAGAGCTTCCATCCCTGCTGTGGCCAAAGATCATCATTAATTAATTAACC 1056
QY 281 oMeTyrProLyAspAsnAspIleAlaLeuMetLyLeuGlnPheProLeuThrPhe 301
DB 1057 CATGTACCCCAAGAGAAATGACATGCCCCCTTATGAGAGCTGAGTTCCACTTCTTC 1116
QY 301 tGlyThrValArGProIleCySLeuProPheAspGluGluLeuThrProAlaThrPr 321
DB 1117 AGGCACTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1176
QY 321 oLeuTrpIleIleGlyTyrPGLyPheThrLyGlnAsnGlyGlyLyMetSerAspIlele 341
DB 1177 ACTGTGATCATTTGATGAGGGGCTTTACAGAGAGATGAGAGAGAGAGAGATGTGACAT 1236
QY 341 uLeuGlnAlaSerValGlnValIleAspSerThrArGCyAsnAlaAspAspAlaTyG 361
DB 1237 GCTGAGAGGAGTCAAGTCAAGTATTAAGACAGACAGGTGCAATGAGAGAGAGAGAG 1296
QY 361 nGlyGluValThrGluLyMetMetCyAlaGlyIleProGluGlyGlyValAspThrCy 381
DB 1297 GGGGAGAGTCAACCGAGAGAGATGATGTGAGAGAGATCCCGAGAGGGGGTGGACAC 1356
QY 381 sGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHISValValGly 401
DB 1357 CCAGGTGACAGTGTGGGCCCCCTGATGATCAATCTGACAGGTGCAATGTGTGGGCA 1416
QY 401 eValSerTrpGlyTyrGlyCySglyGlyProSerThrProGlyValIleThrLyValSe 421
DB 1417 CGTTAGCTGGGCTATGCTGTGGGGGCCCGAGAGAGAGAGAGAGAGAGAGAGAGAG 1476
QY 421 rAlaTyrLeuAsnTrpIleTyrAsnValTrpLyAlaGluLeu 435
DB 1477 AGCCTATCTCACTGATTTACATGTCTGAGAGAGAGAGAGAGAGAGAGAGAGAG 1519

```

RESULT 61

US-10-918-711-227
; Sequence 227, Application US/10918711

```

; GENERAL INFORMATION:
; APPLICANT: CARIGILL, Michele
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND
; FILE REFERENCE: CL001479
; CURRENT APPLICATION NUMBER: US/10/918,711
; CURRENT FILING DATE: 2004-08-16
; NUMBER OF SEQ ID NOS: 18339
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 227
; LENGTH: 2590
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-918-711-227

```

Alignment Scores:

```

Pred. No.: 0 Length: 2590
Score: 2323.00 Matches: 432
Percent Similarity: 99.31% Conservative: 0
Best Local Similarity: 99.31% Mismatches: 3
Query Match: 99.19% Indels: 0
DB: Gaps: 0

```

US-10-803-530-2 (1-435) x US-10-918-711-227 (1-2590)

```
QY      1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuAArgIysPro 20
Db      226 ATGGATCTTCAAGATGATCAACCTTGACAGAGCTCATGTCAAAACCCCTGGCAAAACCC 285
QY      21 ArgIlePrometGlnThrPheArgIysValIGlyIleProIleIleIleIleLeuLeuSer 40
Db      286 CGATGCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCAATCAATGACACTAATGAGAC 345
QY      41 LeuAlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleVal 60
Db      346 CTGGCAGATATCATATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 405
QY      61 LeuCySGlyGlnProLeuHisPheIleProArgIysGlnLeuCyAspGlyGlnLeuAsp 80
Db      406 CTCTGGGGGAGAGCTCTCCACTTCATCCGAGGAGACAGCTGTGTGTGTGTGTGTGTGTGT 465
QY      81 CysProLeuGlyGlnAspGlnGlnIleIleCysValIleSerPheProGlnGlyProAlaVal 100
Db      466 TGTCCCTTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 525
QY      101 AlaValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db      526 GCAAGTCGGCTCTTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 585
QY      121 TrpPheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlyIleThrAlaCysArgGln 140
Db      586 TGTGTTCTGTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 645
QY      141 MetGlyIysSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeu 160
Db      646 ATGGGCTACAGAGCAAAACCACTTTCAGAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 705
QY      161 AspValIleGlnIleThrGlnAsnSerGlnIleLeuArgMetArgAsnSerSerGlyPro 180
Db      706 GATGTTGTTGAATATCAGAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 765
QY      181 CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThr 200
Db      766 TGTCTCTCAGAGCTCTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 825
QY      201 ProArgValIleGlyGlnGlnIleValIleAspSerTrpProIleGlnIleValSerIle 220
Db      826 CCCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 885
QY      221 GlnIysAspIysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleThr 240
Db      886 CAGTACGACAAACAGCAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 945
QY      241 AlaIleHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaGlySer 260
Db      946 GCAAGCCCACTCTTCAGAGAAACATACGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1005
QY      261 AspIysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleGlnPheAsn 280
Db      1006 GACAAACCTGGGACACTTCCATCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1065
QY      281 PrometIysProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPhe 300
Db      1066 CCCATGTACCCCAAGACATGATGAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1125
QY      301 SerIysThrValArgProIleCysLeuProPhePheAspGlnIleuThrProAlaThr 320
Db      1126 TCAGGACAGATCAGAGCCCATCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1185
QY      321 ProLeuTrpIleIleIleGlyTrpGlyPheThrIysGlnAsnGlyIlyIysMetSerAspIle 340
Db      1186 CCACTCTGATCATATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1245
QY      341 LeuLeuGlnIleSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaIys 360
Db      1246 CTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1305
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```
QY      361 GlnGlyGlnValIleThrGlnIysMetMetCysAlaGlyIleProGlnGlnIysValAspThr 380
Db      1306 CAGGGGAGATGATCACCAGAGATATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1365
QY      381 CysGlnIysAspSerGlyGlyIysProLeuMetIysGlnSerAspGlnTrpHisValIleGly 400
Db      1366 TCCAGGGGTGACATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1425
QY      401 IleValSerTrpGlyIysGlyCysGlyGlyProSerThrProGlyValIlyThrIysVal 420
Db      1426 ATCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1485
QY      421 SerAlaIysLeuAsnTrpIleIysAsnValTrpIysValIleGlnLeu 435
Db      1486 TCAGCTATCTCAACTGATCTAATATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1530

RESULT 62
US-10-918-754-1064
; Sequence 1064, Application US/10918754
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
; FILE OF INVENTION: US95/01480
; FILE REFERENCE: C1001480
; CURRENT APPLICATION NUMBER: US/10/918, 754
; NUMBER OF SEQ ID NOS: 91238
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 1064
; LENGTH: 2590
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-918-754-1064

Alignment Scores:
Pred. No.: 0 Length: 2590
Score: 2223.00 Matches: 432
Percent Similarity: 99.31% Conservative: 0
Best Local Similarity: 99.31% Mismatches: 3
Query Match: 99.19% Indels: 0
Gaps: 0

US-10-803-530-2 (1-435) x US-10-918-754-1064 (1-2590)
QY      1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuAArgIysPro 20
Db      226 ATGGATCTTCAAGATGATCAACCTTGACAGAGCTCATGTCAAAACCCCTGGCAAAACCC 285
QY      21 ArgIlePrometGlnThrPheArgIysValIGlyIleProIleIleIleIleLeuLeuSer 40
Db      286 CGATGCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCAATCAATGACACTAATGAGAC 345
QY      41 LeuAlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleVal 60
Db      346 CTGGCAGATATCATATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 405
QY      61 LeuCySGlyGlnProLeuHisPheIleProArgIysGlnLeuCyAspGlyGlnLeuAsp 80
Db      406 CTCTGGGGGAGAGCTCTCCACTTCATCCGAGGAGACAGCTGTGTGTGTGTGTGTGTGTGT 465
QY      81 CysProLeuGlyGlnAspGlnGlnIleIleCysValIleSerPheProGlnGlyProAlaVal 100
Db      466 TGTCCCTTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 525
QY      101 AlaValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db      526 GCAAGTCGGCTCTTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 585
QY      121 TrpPheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlyIleThrAlaCysArgGln 140
Db      586 TGTGTTCTGTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 645
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QY 141 MetGlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
DB 646 ATGGCTTACAGACAGAAACCACTTCAGAGCTGTGGAGATTGGCCAGACCAAGATCTG 705
QY 161 AspValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyPro 180
DB 706 GATGTTGTTGAATACAGAAAACAGCCAGAGCTTCGACATCGRAAATCAAGTGGCCC 765
QY 181 CysLeuSerGlySerLeuValSerIleuHisCysLeuAlaCysGlyLysSerLeuYThr 200
DB 766 TGTCTCTAGAGCTCCCTGGTCTCCCTGCACCTGTCTTGGGAGAGAGCTGAAGACC 825
QY 201 ProArgValValGlyGlyGluAlaSerValAspSerTrpProTglnValSerIle 220
DB 826 CCCCTGTGTGGGTGGKAGAGAGGCTCTGTGAGATCTTGGCCTTGGCAGGTGACATC 885
QY 221 GlnTyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThr 240
DB 886 CAGTACGACAAACAGACAGCTGTGTGGAGGAGACATCTTGACCCCACTGGGTCTTCAG 945
QY 241 AlaAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySer 260
DB 946 GCAGCCCACTGCTTCAGGAAACATACCATGTTCAACTGGAGGTGGCGGACAGCTCA 1005
QY 261 AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsn 280
DB 1006 GACAAACTGGGAGCTTCCATCCCTGGCTGTGGCCAGATCATCATCATTAATTCAC 1065
QY 281 ProMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe 300
DB 1066 CCCAGTACCCCAAGACATATACATGCCCTCAGAGAGCTGAGTTCACACTCTTC 1125
QY 301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
DB 1126 TCGAGCAGCTAGAGCCCATCTGTCTGCCCTCTTTGAGAGAGGTCACTCAAGCAC 1185
QY 321 ProLeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIle 340
DB 1186 CCACCTGTGATCATGTAGTGGGCTTTACGAGACAGATGAGAGGAGGTGTCTGCATA 1245
QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThr 360
DB 1246 CTGCTGCAGAGCGCTCAGTCCAGGTCATTCAGACACCGGTGCAATGACACAGATGCTAC 1305
QY 361 GlnGlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThr 380
DB 1306 CAGGGGGAAGTCAACGAGAAAGATGATGTGTGACAGGATCCCGAAGGGGTGTGACACC 1365
QY 381 CysGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGly 400
DB 1366 TCCAGAGGTGACAGTGTGGGCCCTGATGATCAATCTGACACAGGTGATGTGGTGGCC 1425
QY 401 IleValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrLysVal 420
DB 1426 ATCTGTAGTGGGTGATGTGTGGTGGGCCCGGAGACCCAGAGATTAACCAAGATGTC 1485
QY 421 SerAlaTyrLeuAsnTrpIleTyrAsnValIleTrpLysAlaGluLeu 435
DB 1486 TCGACCTATCTCACTGATCTCAATGATCTGGAAGGCTGAGCTG 1530

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RESULT 63
US-60-495-114-1064
; Sequence 1064, Application US/60495114
; GENERAL INFORMATION:
; APPLICANT: Cargil, Michele
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
; FILE REFERENCE: CL001480
; CURRENT APPLICATION NUMBER: US/60/495,114
; CURRENT FILING DATE: 2003-08-15
; NUMBER OF SEQ ID NOS: 91238

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1064
; LENGTH: 2590
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-495-114-1064

Alignment Scores:
Pred. No.: 0 Length: 2590
Score: 2323.00 Matches: 432
Percent Similarity: 99.31% Conservative: 0
Best Local Similarity: 99.31% Mismatches: 3
Query Match: 99.19% Indels: 0
DB: 80 Gaps: 0

US-10-803-530-2 (1-435) x US-60-495-114-1064 (1-2590)
QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysPro 20
DB 226 ATGATCTCGACAGTGAACCTCTGAACAGCTCGATGTCAAACCCCTGGCAAAACC 285
QY 21 ArgIleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSer 40
DB 286 CGTATCCCACTGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACACTAGAC 345
QY 41 LeuAlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrPhe 60
DB 346 CTGGGAGATCATATGTGTGTCTTCATCAAGGTGATTCGATTAATCTACTTC 405
QY 61 LeuCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAsp 80
DB 406 CTCTCGGGGAGCCCTCTCACTTCATCCCGAGAAAGACAGCTGTGTGACGAGAGCTGAC 465
QY 81 CysProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaVal 100
DB 466 TGTCCCTTGGGGAGAGAGAGAGAGCATGTGTCAAGAGCTTCCCGAAGGGCTGCAGG 525
QY 101 AlaValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
DB 526 GAGATCCGCTCTCAAGAGACGATTCACATGCAAGGTGTGACTCGGCCACAGGAGAC 585
QY 121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
DB 586 TGTCTCTCGCTCTGTTTGAACAATTCAGAAAGCTGTGAGAGAGCTGTAGGCGAG 645
QY 141 MetGlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
DB 646 ATGGCTTACAGACAGAAACCACTTCAGAGCTGTGGAGATTGGCCAGACCAAGATCTG 705
QY 161 AspValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyPro 180
DB 706 GATGTTGTTGAATACAGAAAACAGCCAGAGCTTCGACATCGRAAATCAAGTGGCCC 765
QY 181 CysLeuSerGlySerLeuValSerIleuHisCysLeuAlaCysGlyLysSerLeuYThr 200
DB 766 TGTCTCTAGAGCTCCCTGGTCTCCCTGCACCTGTCTTGGGAGAGAGCTGAAGACC 825
QY 201 ProArgValValGlyGlyGluAlaSerValAspSerTrpProTglnValSerIle 220
DB 826 CCCCGTGTGGGTGGKAGAGAGGCTCTGTGAGATCTTGGCCTTGGCAGGTGACATC 885
QY 221 GlnTyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThr 240
DB 886 CAGTACGACAAACAGACAGCTGTGTGGAGGAGACATCTTGACCCCACTGGGTCTTCAG 945
QY 241 AlaAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySer 260
DB 946 GCAGCCCACTGCTTCAGGAAACATACCATGTTCAACTGGAGGTGGCGGACAGCTCA 1005
QY 261 AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsn 280
DB 1006 GACAAACTGGGAGCTTCCATCCCTGGCTGTGGCCAGATCATCATCATTAATTCAC 1065

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QY 281 ProMetTyProLyAspAsnApilLeaLeuMetLyLeuGlnPheProLeuThrPhe 300
Db 1066 CCATGATACCCCAAGACATATGATCGCCCTCATGAAGCTGCAGTCCCATCTTTC 1125
QY 301 SerGlyThrValArgProIleCyLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db 1126 TCAGGACAGAGTACAGCCCATCTGTCTGCCCTCTTGTATGAGAGCTCATCTCACACC 1185
QY 321 ProLeuTrpIleIleGlyTrpGlyPheThrLySglnAanglyGlyLysMetSerAspIle 340
Db 1186 CCACTCTGATCATTTGATGAGGCTTTTACAGACGAATGAGGGAAGATGTTCTGACATA 1245
QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCyAsnAlaAspAspAlaTy 360
Db 1246 CTGTGCAGAGCGTCAGTCCAGGTCAATTGACACACACGGTGCAGACAGATGCGTAC 1305
QY 361 GlnGlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThr 380
Db 1306 CAGGGGGAAGTACCGAAGAAAGTATGTGTGACAGCATCCCGAAGGGGTGTGCACACC 1365
QY 381 CysGlnGlyAspSerGlyGlyProLeuMetTyrglnSerAspGlnTrpHisValValGly 400
Db 1366 TGCCAGGGTGACAGTGTGGGCCCTTGATGACATCTGACAGTGCATGTGGTGGGC 1425
QY 401 ILeuAlaSerTrpGlyTyrglyCysGlyGlyProSerThrProGlyValTyThrLySval 420
Db 1426 ATCGTTAGTGGGCTATGCTGCGGGGCCGAGACACCCGAGAGTATACCAAGATC 1485
QY 421 SerAlaTyLeuAsnTrpIleTyTrAsnValTrpLySAlaGluLeu 435
Db 1486 TCAGCTATCTCACTGATCTCAATGTCTGGAAGGCTGAGCTG 1530

RESULT 64
US-60-495-135-227

; Sequence 227, Application us/60495135

; GENERAL INFORMATION:

; APPLICANT: CARILL, Michele

; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES

; TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND

; FILE REFERENCE: CLO001479

; CURRENT APPLICATION NUMBER: US/60/495,135

; NUMBER OF SEQ ID NOS: 18339

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 227

; LENGTH: 2590

; TYPE: DNA

; ORGANISM: Homo sapiens

US-60-495-135-227

Alignment Scores:

Pred. No.:	0	Length:	2590
Score:	2323.00	Matches:	432
Percent Similarity:	99.31%	Conservative:	0
Best Local Similarity:	99.31%	Mismatches:	3
Query Match:	99.19%	Indels:	0
DB:	80	Gaps:	0

US-10-803-530-2 (1-435) x US-60-495-135-227 (1-2590)

QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLySProLeuArgLySPro 20
Db 226 ATGATCTCTGACAGTGAATCAACTCTGAACAGCTTCGATGCAAAACCCCTGCCGAACCC 285
QY 21 ArgGlyPheMetGluThrPheArgLySValGlyIleProIleIleIleAlaLeuLeuSer 40
Db 286 CGATATCCCAAGGAGCTTTCAGAAAGTGGGAGATCCCATCATCATAGCACTTACAGC 345
QY 41 LeuAlaSerIleIleIleValValValLeuIleLySValIleLeuAspLySValTyThrPhe 60
Db 346 CTGGCGAGTATCATCATTTGTGTGTCTCATCAAGGTGATTCGATAAATACTACTTC 405

QY 61 LeuCySglnGlnProLeuHisPheIleProArgLySglnLeuCyAspGluGluLeuAsp 80
Db 406 CTCTGCCGGGACGCTTCTTCCATTTATCCAGGAAGAGCTGTGTGACGAGAGCTGAGC 465
QY 81 CysProLeuGlyGluAspGluGluHisCySValLySserPheProGluGlyProAlaVal 100
Db 466 TGTCTCTTGGGGGAGAGCAGAGAGCATGTGTCAAGAGCTTCCCGAAGGGCTGCGAGTG 525
QY 101 AlaValArgLeuSerLySAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db 526 GCACTTCGCTTCCCAAGAACCCATCCACATGCAAGGTGTGTGACTCGGCGACAGGGAAC 585
QY 121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
Db 586 TGTGTTCTTGTCTTCTTTCGACACTTACAGAACTTCCCTGAGACAGCTGTAGGAG 645
QY 141 MetGlyTyriserSerLySProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
Db 646 ATGGGCTACAGACAGAAACCACTTTCAGAGCTGTGAGATGGCCACAGACAGATCTG 705
QY 161 AspValValGluIleThrGluAsnSerGlnLeuAspMetArgAsnSerSerGlyPro 180
Db 706 GATGTGTGAATAACACAGAAACAGCAGAGACCTTCGATGCGAATCGAGTGGGCC 765
QY 181 CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySserLeuLySthr 200
Db 766 TGTCTTCAAGCTTCCCTGCTCTCCCTGCACTGTCTTGTGTGGAGAGCTGAAAGACC 825
QY 201 ProArgValValGlyGlyGluValAspSerTrpProTrpGlnValSerIle 220
Db 826 CCCGTGTGGGTGTGGAGAGAGGCTCTGTGATTTCTTGCTGGCCTTGACAGATC 885
QY 221 GlnTyAspLySglnHisValCysGlyLySserIleLeuAspProHisTrpValLeuThr 240
Db 886 CAGTACACAAAGACAGCTGTGTGAGGAGATCTGTGACCCCACTGAGGCTGCACG 945
QY 241 AlaAlaHisCysPheArgLySHisThrAspValPheAsnTrpLySValArgAlaGlySer 260
Db 946 GCAAGCCACAGCTTTCAGAAACATACGATGTTCACACGGAAGGTGGCGGAGGCTCA 1005
QY 261 AspLySLeuGlySerPheProSerLeuAlaValAlaLySleIleIleGluPheAsn 280
Db 1006 GACAAACTGGGCACTTCCATCTCTGCTGTGGCCAGATCATCATTTGAATCAAC 1065
QY 281 ProMetTyProLyAspAsnApilLeaLeuMetLyLeuGlnPheProLeuThrPhe 300
Db 1066 CCATGATACCCCAAGACATGATGCGCTCATAGAGTGCAGTCCCATCTTTC 1125
QY 301 SerGlyThrValArgProIleCyLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db 1126 TCAGGACAGTACAGGCCATCTGTCTGCCCTTTGATGAGAGCTCATCTCACACC 1185
QY 321 ProLeuTrpIleIleGlyTrpGlyPheThrLySglnAanglyGlyLysMetSerAspIle 340
Db 1186 CCACTCTGATCATTTGATGAGGCTTTTACAGACGAATGAGGGAAGATGTTCTGACATA 1245
QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCyAsnAlaAspAspAlaTy 360
Db 1246 CTGTGAGGCTCATCTCAAGTCAAGTCAAGACGGTGCAGATGCAGACAGATGGCTAC 1305
QY 361 GlnGlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThr 380
Db 1306 CAGGGGGAAGTACCGAAGAAAGTATGTGTGACAGGATCCGGAAGGGGTGTGCACACC 1365
QY 381 CysGlnGlyAspSerGlyGlyProLeuMetTyrglnSerAspGlnTrpHisValValGly 400
Db 1366 TGCCAGGGTGACAGTGTGGGCCCTTGATGACATCTGACAGTGCATGTGGTGGGC 1425
QY 401 ILeuAlaSerTrpGlyTyrglyCysGlyGlyProSerThrProGlyValTyThrLySval 420
Db 1426 ATCGTTAGTGGGCTATGCTGCGGGGCCGAGACACCCGAGAGTATACCAAGATC 1485
QY 421 SerAlaTyLeuAsnTrpIleTyTrAsnValTrpLySAlaGluLeu 435


```

; APPLICANT: Mallareddy Komandla
; APPLICANT: Daniel Vama Siev
; TITLE OF INVENTION: Conjugates Activated By Cell Surface Proteases and Therapeutic US
; FILE REFERENCE: Theriof
; FILE REFERENCE: 24745-1611
; CURRENT APPLICATION NUMBER: US/10/156,214A
; NUMBER OF SEQ ID NOS: 611
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 2137
; TYPE: DNA
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (261) .. (1574)
; OTHER INFORMATION: Nucleic acid encoding a transmembrane serine
; OTHER INFORMATION: protease (MTSP3) protein
US-10-156-214A-3

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Alignment Scores:

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Pred. No.: 0
Score: 2319.00
Percent Similarity: 99.54%
Best Local Similarity: 99.54%
Query Match: 42
Matches: 2137
Conservative: 432
Mismatch: 2
Indels: 0
Gaps: 0

```

US-10-803-530-2 (1-435) x US-10-156-214A-3 (1-2137)

```

QY 2 AppProaspSerAspGlnProLeuanserLeuaspValysProLeuArgLysProArg 21
Db 270 GATCTGACAGATCACTCTGAACAGCTCGATGCAACCCCTCGGAAACCCCT 329
QY 22 IlePomeGluThPhaArgLysValGlyLeuLeuLeuLeuLeuLeuLeuLeuLeu 41
Db 330 ATCCCAAGGACCTTCAAGAAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 389
QY 42 AlaSerIleIleIleValValValLeuLeuValIleLeuAspLysTyrTyrPheLeu 61
Db 390 GCGAGTATCATCATTTGTGTGTCTCATCAAGTGAATTCGATTAATCTTCTTC 449
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGlnLeuAspCys 81
Db 450 TGGCGGCGCTCTCCATCTCATCCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 509
QY 82 ProLeuGlyGluAspGluGluHisCyValLysSerPheProGluGluProAlaValAla 101
Db 510 CCTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 569
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 570 GTCCGCTCTCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 629
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCyAsnGlnMet 141
Db 630 TTCTCTGCTTTTTCAGAACTTCAAGAACTTCTGCTGAGAACTTGAAGCAGATG 689
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 690 GGTACAGAGCAAAACCACTTCAGAGCTGTGAGATTGGCCAGACCGAGATCGAT 749
QY 162 ValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyProCys 181
Db 750 GTTGTAAATACAGAAACCAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 809
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 810 CTCTGAGAGCTCTGCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 869
QY 202 ArgValValAlaGlyGlnGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 870 CGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 929

```

```

QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 930 TACACATACAGACAGCTGTGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 989
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 990 GCCCACTGCTTCAAGAAACATACGATGTGTTCACTGAGAAAGGTGGGGAGGCTAGAC 1049
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 1050 AAACCTGGCAGCTTCCATCCATCCGCTGTGGCCAAATCATCATTAATTAACACCC 1109
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1110 ATGTACCCCAAAAGACATAGCATCGCCCTCATTAACAGTCCACTCTACTTCTCA 1169
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1170 GGCACAGTCAGGCTCATCTGTCTGCCCTTCTTGATGAGAGAGCTCACTCCAGCCAC 1229
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1230 CTCTGATCATTTGATGCGGCTTTACAAAGCAGATGAGGAGAGATGTTCACTACTG 1289
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1290 CTCAGAGCTCAGTCCAGATTCATTCATGACACACGCGTGCAATGACAGATCCGACAG 1349
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
Db 1350 GGGAGAGTCAACGAGAAATGATGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAG 1409
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyLe 401
Db 1410 CAGGATGACAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1469
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1470 GTTACGTGGGGGTATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1529
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1530 GCTTATCTCACTGATCTTCAATGTCTGAAAGCTGAGCTG 1571

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RESULT 67

US-60-452-680-11834

/ Sequence 11834, Application US/60452680

/ GENERAL INFORMATION:

/ APPLICANT: CARGILL, Michele

/ TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH

/ FILE REFERENCE: CLO01450

/ CURRENT APPLICATION NUMBER: US/60/452,680

/ NUMBER OF SEQ ID NOS: 116213

/ SOFTWARE: FastSeq for Windows Version 4.0

/ SEQ ID NO 11834

/ LENGTH: 2112

/ TYPE: DNA

/ ORGANISM: Homo sapiens

/ US-60-452-680-11834

Alignment Scores:

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Pred. No.: 0
Score: 2318.00
Percent Similarity: 99.31%
Best Local Similarity: 99.31%
Query Match: 79
Length: 2112
Matches: 431
Conservative: 0
Mismatch: 3
Indels: 0
Gaps: 0

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US-10-803-530-2 (1-435) x US-60-452-680-11834 (1-2112)

QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspVallyProLeuArglyProArg 21
 Db GATCCTGACAGTGAATCAACCTCTGAAACAGCTTCAGTCAACCCCTGCGAAGACCCCGT 325
 QY 22 IleProMetGlnThrPheArgIleValGlyIleProIleIleIleIleAlaLeuSerLeu 41
 Db ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACCTACTAGCTG 385
 QY 42 AlaSerIleIleIleValIleValIleuIleValIleuAspIleTyrrPheLeu 61
 Db GCGAGTATCATATTGTGTGTCTCTCATCAGAGGATTCTGATTAATACTACTCTCTC 445
 QY 62 CysGlyGlnProLeuHisPheIleProArglyGlnLeuCyAspGlyIleLeuAspCys 81
 Db TGCAGGCGAGCTCTCCATCTTCATCCCGAAGACGCTGTGTGACGAGAGCTGACCTGT 505
 QY 82 ProLeuGlyIleAspGlyIleGlnHisCysVallySerPheProGlyGlyProAlaValAla 101
 Db CCTTGGGGAGAGACAGAGAGCACTGTTCAGAGCTTCCCGAAGGCGCTGCACTGGCA 565
 QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db GTCCGCTCTCCAGAGACCGATCCACATGAGGTGTGACTCGGCCACAGGAGAACTGG 625
 QY 122 PheSerAlaCyPheAspAsnPheThrGlyAlaLeuAlaGlyThrAlaCyAsnArgIleMet 141
 Db TTCTCTGCTGTTCGACAACTTCACAGAGCTCTGCTGAGACGCTGTGAGGAGATG 685
 QY 142 GlyTyrSerSerIleProThrPheArgAlaValGlyIleGlyProAspGlyAspLeuAsp 161
 Db GAGTACACAGAGAAACCACTTCAGAGCTGTGAGATTGGCCACAGACAGATTTGGAT 745
 QY 162 ValValGlyIleThrGluAsnSerGlnIleuAsnArgMetArgAsnSerSerIleProCys 181
 Db GTTGTGAAATCACAGAAACAGCCAGAGAGCTTCGCAATGCRGAATCAAGTGGCGCTGT 805
 QY 182 LeuSerGlySerLeuValSerIleuHisCysLeuAlaCyAsnGlyIleSerLeuIleThrPro 201
 Db CTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTGTGCTGTGGGAGAGAGCTGAGAGACCC 865
 QY 202 ArgValIleGlyIleGlyIleGlyIleAlaSerValAspSerTrpTrpGlyValSerIleGln 221
 Db CGTGGGGGGGKAGAGAGAGGCTCTGTGAGATTCTGTGCTGTGAGAGTCAAGATCCAG 925
 QY 222 TyrAspIleGlnHisValCysGlyIleSerIleLeuAspProHisTrpValIleuThrAla 241
 Db TACGACAAACAGCACTCTGTGAGAGAGCATCTGTGAGACCCCACTGGGTCTCTCAAGGCA 985
 QY 242 AlaHisCysPheAsnArgIleHisThrAspValPheAsnTrpValArgAlaGlySerAsp 261
 Db GCCCATGCTTCAGAGAAACATACCATGATGTTCAACTGGAAGGTGGGCGAGGCTCAGAC 1045
 QY 262 LysLeuGlySerPheProSerIleuAlaValAlaIleIleIleIleIleIleIleIleuAsnPro 281
 Db AAACGGGAGGCTTCCCATCCCTGCTGTGGCTGTGCTCAAGATATCATCATTAATTCACCC 1105
 QY 282 MetTyrProIleAspAsnAsnIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db ATGTACCCCAAGACATATGATCATCGCTCATGAGAGCTGATTCCTCATCTTCTTCTCA 1165
 QY 302 GlyThrValArgProIleCysLeuProPheAspGlyIleuLeuThrProAlaThrPro 321
 Db GGCAACAGTACAGCCCATCTGTCTGTGCTTCTTGTGATGAGAGAGCTCACTCAGCCACCCCA 1225
 QY 322 LeuTrpIleIleGlyThrGlyPheThrIleGlnAsnGlyIleIleuSerAspIleLeu 341
 Db CTCTGATATGATGATGAGGCTTACAGAGCAAGATGAGAGGAGATGCTGATCATCTG 1285
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db CTGCGAGGCTCATGCTCAGTCAATGATGACAGACAGCGGTGACATGCAACGATGTGACAG 1345

QY 362 GlyIleValThrGlyIleMetCysAlaGlyIleProGlyIleGlyIleValAspThrCys 381
 Db GGGAAATCACCCAGAGAGATGTGTGACAGGATCCCGAAGGGGGGTGTGACACCTGC 1405
 QY 382 GlnIleAspSerGlyIleProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
 Db CAGGATGACAGTGTGTGGCCCTGATGTACCAATCTACACAGTGTGATGTGGGCTATC 1465
 QY 402 ValSerTrpGlyIleGlyIleGlyIleProSerThrProGlyValIleThrIleValSer 421
 Db GTTAGTGGGCTATGTGTGTGGGGGCCAGACACCCAGAGATATACCAAGATCTCA 1525
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIleAlaGlyIleu 435
 Db GCTTATCTCACTGATCTCAATGTCTGAAAGGCTGAGCTG 1567
 Db
 RESULT 68
 US-60-453-050-7383
 ; Sequence 7383, Application US/60453050
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001457
 ; CURRENT APPLICATION NUMBER: US/60/453,050
 ; NUMBER OF SEQ ID NOS: 82762
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 7383
 ; LENGTH: 2112
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-60-453-050-7383
 Alignment Scores:
 Pred. No.: 0 Length: 2112
 Score: 2318.00 Matches: 431
 Percent Similarity: 99.31% Conserved: 0
 Best Local Similarity: 99.31% Mismatches: 3
 Query Match: 98.98% Indels: 0
 DB: 79 Gaps: 0
 US-10-803-530-2 (1-435) x US-60-453-050-7383 (1-2112)
 QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspVallyProLeuArglyProArg 21
 Db GATCCTGACAGTGAATCAACCTCTGAAACAGCTTCAGTCAACCCCTGCGAAGACCCCGT 325
 QY 22 IleProMetGlnThrPheArgIleValGlyIleProIleIleIleIleAlaLeuSerLeu 41
 Db ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACCTACTAGCTG 385
 QY 42 AlaSerIleIleIleValIleValIleuIleValIleuAspIleTyrrPheLeu 61
 Db GCGAGTATCATATTGTGTGTCTCTCATCAGAGGATTCTGATTAATACTACTCTCTC 445
 QY 62 CysGlyGlnProLeuHisPheIleProArglyGlnLeuCyAspGlyIleLeuAspCys 81
 Db TGCAGGCGAGCTCTCCATCTTCATCCCGAAGACGCTGTGTGACGAGAGCTGACCTGT 505
 QY 82 ProLeuGlyIleAspGlyIleGlnHisCysVallySerPheProGlyGlyProAlaValAla 101
 Db CCTTGGGGAGAGACAGAGAGCACTGTTCAGAGCTTCCCGAAGGCGCTGCACTGGCA 565
 QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db GTCCGCTCTCCAGAGACCGATCCACATGAGGTGTGACTCGGCCACAGGAGAACTGG 625
 QY 122 PheSerAlaCyPheAspAsnPheThrGlyAlaLeuAlaGlyThrAlaCyAsnArgIleMet 141
 Db TTCTCTGCTGTTCGACAACTTCACAGAGCTCTGCTGAGACGCTGTGAGGAGATG 685

142 G1YrSerSerlyProthrPheArgAlaValGluIleGlyProAspGlnAspLeuSer 161
 686 GCGTACAGACGAAACCCATTTCAGAGCTGTGGAGATTGGCCAGACGAGATTGGAT 745
 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 746 GTTGTGAATACAGAAAACAGCCAGAGCTTCGATCCRGAATCAAGTGGCCCTGT 805
 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 806 CTCACGGCTCCCTGGTCTCCCTGACCTGTCTTGGCTGTGGGAGAGCCTGAAAGCCCC 865
 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 866 CGTGTGGTGGTGGKGAAGAGGCCCTCTGTGATTTCTTGCCCTTGGCAGGTCAAGCTCAG 925
 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
 926 TACGACAAACAGCAGTCTGTGGAGGAGCATCTGACCCCACTGGGTCTCTCAGCGCA 985
 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 986 GCCCACTGCTTCAGAAACATACCGATGTTCATCGAAGTGTGGGAGGCTCAGAC 1045
 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 1046 AAACCTGGCAGCTTCCATCCCTGGCTGTGGCCAAAGATCATCATTTGAATTCACCCC 1105
 282 MetTrpProLysAspAspAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 1106 ATGTACCCCAAGAAATGACATCGCCCTCATGAAGCTGAGAGTCCCACTCATTTCTCA 1165
 302 G1YrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 1166 GGCACAGTCAGGCCCATCTGTCTGGCCCTTTTATGAGAGCTCATCTCCAGCCACCCA 1225
 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
 1226 CTCGGATCATGTGATGGGGCTTTTACGAACAGATGAGGGAAAGATGTCTGACATCTG 1285
 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 1286 CTGACAGGCTACGTCCAGGTATTCACGACACGGATGCATGACAGAGTCCATACAG 1345
 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
 1346 GGGGAAAGTCACCGAAGATGATGTGTGACAGCATCCCGAAGGGGGTGTGACACTGC 1405
 382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValValGlyTle 401
 1406 CAGGATGACAGTGTGGGCCCTCATGTATGCCAATCTGACAGTGGCATGTGGTGGGCATC 1465
 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 1466 GTTAGTGGGGCTATGGCTGGGGGGCCAGACACCCAGAGATATACCAAGGTCTCA 1525
 422 AlaTyrLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
 1526 GCGTATCTCAACTGATCTACATGTCTGGAAGGCTGAGCTG 1567

US-60-453-135-7383
 ; SEQ ID NO 7383
 ; LENGTH: 2112
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-60-453-135-7383
 Alignment Scores:
 Pred. No.: 0
 Score: 2318.00
 Percent Similarity: 99.31%
 Best Local Similarity: 99.31%
 Query Match: 98.98%
 DB: 79
 Gaps: 0
 Length: 2112
 Matches: 431
 Conservative: 0
 Mismatches: 3
 Indels: 0
 Gaps: 0
 US-10-803-530-2 (1-435) x US-60-453-135-7383 (1-2112)
 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 266 GATCTGACAGTATCACTCTGAACAGCTGTGATGTCAAAACCTTGGCGAACCCTGT 325
 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
 326 ATCCCATGGAGACCTTCAGAAAGTGGGGATCCCATCATCATAGACCTACTGAGCTTG 385
 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTrpTrpPheLeu 61
 386 GCGAGTATCATCTGTGTGTGTCTCATCAAGTGTATCTGATTAATATCACTTCTTC 445
 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 446 TGGGGCAGGCTCTCCACTTCATCCGAGGAAGCAGCTGTGTGAGGAGAGCTGTGAGT 505
 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 506 CCTTGGGGAGGACAGAGAGCATGTGTTCAGAGAGCTTCCGAAAGGGCTCAGTGGCA 565
 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 566 GTCCGCTCTCCAGAGACCGATTCACACCTGACAGTGTGATCTGGCCACAGGAACTGG 625
 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 626 TTCTCTGCTGTGTTCACAACTTTCAGAAAGCTTCGCTGAGAGACGCTGTGAGCAGATG 685
 142 G1YrSerSerlyProthrPheArgAlaValGluIleGlyProAspGlnAspLeuSer 161
 686 GCGTACAGACGAAACCCATTTCAGAGCTGTGGAGATTGGCCAGACCGAGATTGGAT 745
 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 746 GTTGTGAATACAGAAAACAGCCAGAGCTTCGATCCRGAATCAAGTGGCCCTGT 805
 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 806 CTCACGGCTCCCTGGTCTCCCTGACCTGTCTTGGCTGTGGGAGAGCCTGAAAGCCCC 865
 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 866 CGTGTGGTGGTGGKGAAGAGGCCCTCTGTGATTTCTTGCCCTTGGCAGGTCAAGCTCAG 925
 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
 926 TACGACAAACAGCAGTCTGTGGAGGAGCATCTGACCCCACTGGGTCTCTCAGCGCA 985
 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 986 GCCCACTGCTTCAGAAACATACCGATGTTCATCGAAGTGTGGGAGGCTCAGAC 1045
 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 1046 AAACCTGGCAGCTTCCATCCCTGGCTGTGGCCAAAGATCATCATTTGAATTCACCCC 1105
 282 MetTrpProLysAspAspAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301

Db 1106 ATGATACCCCAAGCAATGATGCGCTCATGAGAGCTGAGCTTCCCACTCATCTTCTCA 1165
Qy 302 GAThThValAArgProIleCyLeuProPhePheAsgIugIuLeuThProAlaThPro 321
Db 1166 GGCAAGACAGAGCCCATCTGTCTGCTTTTGTATGAGAGCTCACTCCAGCCACCCCA 1225
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnaengIyGlyVmeSerAspIleIleu 341
Db 1226 CTCTGAGATCATGGATGGGGCTTTACAGAGCAAGATGAGAGATATCTGACATCTG 1285
Qy 342 LeuGlnAlaSerValGlnValIleAsgSerThrArgCysAsnAlaAsgAspAlaTrsIln 361
Db 1286 CTGCAAGGCTCATCTCAAGTCAATTCACAGACACCGTGCATGCAAGATCCGACACG 1345
Qy 362 GlyIuValIThrGluYmeMetCysAlaGlyIleProGluGlyIyValAAspThrCys 381
Db 1346 GGGGAAGTCAACGAGAAATGATGTGTGCAAGCATCCGGAAGGGGTGTGACACCTGC 1405
Qy 382 GlnGlyAsgSerGlyIyProLeuMetIyTrgInserAsgIIntPhIsvaIValGlyIle 401
Db 1406 CAGGCTGACAGTGGGGCCCTGTGATGCCATCTGACAGTGGCATGTGTGGGCACTC 1465
Qy 402 ValSerTrpGlyTrpGlyCysGlyIyProSerThrProGlyValIyTrThrIysValSer 421
Db 1466 GTTAGTGGGGCTATAGGCTGGGGGGCCGAGACCCCAAGATATACCAAGGTCTCA 1525
Qy 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpIyAlaGluLeu 435
Db 1526 GCTATCTCACTGATCTCAATCTGAGAAAGGTGAGCTG 1567
RESULT 70
US-60-466-412-7383
; Sequence 7383, Application US/60466412
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: IAKOUBOVA, Olga
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CLO01466
; CURRENT APPLICATION NUMBER: US/60-466,412
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 429241
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 7383
; LENGTH: 2112
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-466-412-7383
Alignment Scores:
Pred. No.: 0 Length: 2112
Score: 2318.00 Matches: 431
Percent Similarity: 99.31% Conservative: 0
Best Local Similarity: 99.31% Mismatches: 3
Query Match: 98.98% Indels: 0
Gaps: 0
US-10-803-530-2 (1-435) x US-60-466-412-7383 (1-2112)
Qy 2 AspProAsgSerAsgGlnProLeuAsnSerIleuAsgValIyProLeuAArgIyProArg 21
Db 266 GATCTCTGACAGATCAACCTCTGAAACACCTCGATGCAACCCCTGGCAAAACCCCGT 325
Qy 22 IleProMetGluThPheArgIySvaIyIleProIleIleIleAlaLeuLeuSerIleu 41
Db 326 ATCCCATGAGACCTTCAAGAAAGTGGGATCCCATCATCATAGCACTACGAGCCG 385
Qy 42 AlaSerIleIleIleValIValIleuIleIySvaIleIleuAsgIyTrpIyPheIleu 61
Db 366 GCGAGATCATCATGTGTGTCTCCATCAAGGTATCTGTAAATATCACTTCTTC 445
Qy 62 CysGlyGlnProLeuHisPheIleProAArgIyGlnLeuCyAspIyGluLeuAsgCys 81

Db 446 TGGCGGAGAGCTCTCCACTTCATCCCGAGAGAGAGCTGTGTGACGAGAGCTGACGTGT 505
Qy 82 ProLeuGlyIuAArgIugIuHisCyValIySerPheProGluIyProAlaValAla 101
Db 506 CCGTTGGGGGAGAGAGAGACACTGTGTCAAGAGCTTCCCGAAGGGCTGTGACAGTGGCA 565
Qy 102 ValArgLeuSerIyAsgArgSerThrLeuGlnValIleuAsgSerAlaThrGlyAAsnTrp 121
Db 566 GTCCGCTCTTCAAGAGACCATTCACACTGAGAGTGTGAGCTGGCCACAGGGAACTGG 625
Qy 122 PheSerAlaCyPheAsgAsnPheThrGluAlaLeuAlaGluThrAlaCyAsnGlnMet 141
Db 626 TTCTGTGCTGTTCGACAACTTCACAGAACTCTCGCTGAGACAGCTGTAGGAGCATGTG 685
Qy 142 GlyTrsSerSerIyProThrPheArgAlaValGluIleGlyProAsgGlnAsgLeuAsg 161
Db 686 GGTACAGACAGCAAAACCACTTTCAGAGCTGTGAGATTTGGCCCAACAGAGATCTGAT 745
Qy 162 ValIValGluIleThrGluAsgSerGlnIuLeuAArgMetArgAsgSerGlyProCys 181
Db 746 GTTGTGAATACAGAAAGACGACGAGAGCTTGCATGCGAACTCAAGTGGGCTGT 805
Qy 182 LeuSerGlySerIleuValSerIleuHisCyLeuAlaCyGlyIySerIleuIySerPro 201
Db 806 CTCTCAGGCTCCCTGTGTCTCCCTGCACTGTCTGTGTGGGAGAGGCTGAGACCCCC 865
Qy 202 ArgValIValGlyIyGluAlaSerValAsgSerTrpProTrpGlnValSerIleGln 221
Db 866 CGTGTGGTGGTGGAGAGAGGCTCTGTGATTTCTGTGGCTTGGCAGGTCAAGATTCAG 925
Qy 222 TyrAsgIySgIlnHisValIySgIySerIleuAsgProHisTrpValIleuThrAla 241
Db 926 TACAGCAAAACAGACGTGTGAGAGAGACATCTTGACCCCACTGGAGTCTTCAAGGCA 985
Qy 242 AlaHisCyPheAsgIySgIleThrAsgValPheAsnTrpIySvaIArgAlaGlySerAsg 261
Db 986 GCCACCTGCTTCAAGAAACATACGATGTGTTCACACTGMAAGGTGCGGAGGCTCAGAC 1045
Qy 262 LysLeuGlySerPheProSerIleuAlaValAlaIyIleIleIleGluPheAsnPro 281
Db 1046 AAACCTGGCAGCTTCCCATCTCCCTGTGTGGCCAGAGATCATCATATGAATTCAACCC 1105
Qy 282 MetTrpProIyAsgAsnAspIleAlaLeuMetIySgIlnPheProLeuThrPheSer 301
Db 1106 ATGATACCCCAAGCAATGACATGCGCTCATGAAGCTGCAAGTTCCTCACTTCTTCA 1165
Qy 302 GlyThrValAArgProIleCyLeuProPhePheAsgIugIuLeuThProAlaThPro 321
Db 1166 GGCAAGTCAAGGCCCATCTGTCTGCTCTTTTGTATGAGAGCTCACTCCAGCCACCCCA 1225
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnaengIyGlyVmeSerAspIleIleu 341
Db 1226 CTCTGAGATCATGGATGGGGCTTTACAGAGCAAGATGAGAGATATCTGACATCTG 1285
Qy 342 LeuGlnAlaSerValGlnValIleAsgSerThrArgCysAsnAlaAsgAspAlaTrsIln 361
Db 1286 CTGCAAGGCTCATCTCAAGTCAATTCACAGACACCGTGCATGCAAGATCCGACACG 1345
Qy 362 GlyIuValIThrGluYmeMetCysAlaGlyIleProGluGlyIyValAAspThrCys 381
Db 1346 GGGGAAGTCAACGAGAAATGATGTGTGCAAGCATCCGGAAGGGGTGTGACACCTGC 1405
Qy 382 GlnGlyAsgSerGlyIyProLeuMetIyTrgInserAsgIIntPhIsvaIValGlyIle 401
Db 1406 CAGGCTGACAGTGGGGCCCTGTGATGCCATCTGACAGTGGCATGTGTGGGCACTC 1465
Qy 402 ValSerTrpGlyTrpGlyCysGlyIyProSerThrProGlyValIyTrThrIysValSer 421
Db 1466 GTTAGTGGGGCTATAGGCTGGGGGGCCGAGACCCCAAGATATACCAAGGTCTCA 1525
Qy 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpIyAlaGluLeu 435

US-10-803-530-2 (1-435) x US-10-918-754-1065 (1-2627)

QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 DB GATCCTGACAGTGTATCAACCTTCAAGAGCTTCGATGCAAAACCCCTGCGAAGACCCCGT 325
 QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleIleIleAlaLeuSerLeu 41
 DB ATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCATCATATGCACTAGAGCTTG 385
 QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
 DB GCGAGTATCATCATGTGTGTCTCTCATCAAGGATTCAGTAATTAATTAATTAATTAATTA 445
 QY 386 GCGAGTATCATCATGTGTGTCTCTCATCAAGGATTCAGTAATTAATTAATTAATTAATTA 445
 DB 446 TCGCGGCGAGCTCTCCATTCATCCGAGAGAGAGCTGTGTGAGAGAGAGCTGACCTGT 505
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuGlyAspGlyGlnLeuAspCys 81
 DB TCGCGGCGAGCTCTCCATTCATCCGAGAGAGAGCTGTGTGAGAGAGAGCTGACCTGT 505
 QY 82 ProLeuGlyGlnAspGlnHisPheValLysSerPheProGlnGlyProAlaValAla 101
 DB CCTTGGGGAG 565
 QY 506 CCTTGGGGAG 565
 DB 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
 DB 566 GTCCGCTCTCCAG 625
 QY 566 GTCCGCTCTCCAG 625
 DB 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 DB 626 TTCTGTGCTGTTCGACAACTTCACAGAGCTTCGCTGAGACAGAGCTGTGAGAGAGAGAG 685
 QY 142 GlnYrsSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
 DB 686 GAGTACACAG 745
 QY 162 ValValGlnIleThrGlnAsnSerGlnLeuAspGlnLeuAspGlnLeuAspGlnLeuAsp 181
 DB 746 GTTGTGAAATCAGAAACAGAAACAGAAACAGAAACAGAAACAGAAACAGAAACAGAAACAG 805
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 DB 806 CTCTCAGAGCTCCCTGTCT 865
 QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
 DB 866 CGTGTGAGGTGGGAG 925
 QY 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTyrValLeuThrAla 241
 DB 926 TACGACAAACAG 985
 QY 926 TACGACAAACAG 985
 DB 242 AlaHisCysPheArgLysHisThrAspValPheAsnTyrLysValArgAlaGlySerAsp 261
 DB 986 GCCCATGCTTCAGAAACATACCATGATGTTCAACTGGAGAGGTGGGAGAGAGAGAGAGAG 1045
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleIleGlnPheAsnPro 281
 DB 1046 AAACGTGGAGAGCTTCATCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1105
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1106 ATGTATCCCAAG 1165
 QY 302 GlnThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro 321
 DB 1166 GGCACAGTACAGCCCATCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGT 1225
 QY 322 LeuThrPheIleIleGlyThrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
 DB 1226 CTCTGTGATATTGAG 1285
 QY 342 LeuGlnAlaSerValGlnValIleLeuSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1286 CTGCAAGGCTCACTCCAGGTCAATGACACACAGGTGTGACAGAGAGAGAGAGAGAGAG 1345

QY 362 GlnGlnValThrGlnLysMetCysAlaGlyIleProGlnGlyGlnValAspThrCys 381
 DB 1346 GGGAGATCACCGAG 1405
 QY 382 GlnGlnAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrPheValGlyIle 401
 DB 1406 CAGGAGTACAGT 1465
 QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlnValTyrThrValSer 421
 DB 1466 GTTAGTGGGGCTAGT 1525
 QY 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLysAlaGlnLeu 435
 DB 1526 GCTTATCTCAACTGATCTCAATGTCTGAAAGGCTGAGCTG 1567
 DB
 RESULT 73
 US-60-495-114-1065
 ; Sequence 1065, Application US/60495114
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele
 ; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
 ; TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
 ; FILE REFERENCE: CLO01480
 ; CURRENT APPLICATION NUMBER: US/60/495,114
 ; CURRENT FILING DATE: 2003-08-15
 ; NUMBER OF SEQ ID NOS: 91238
 ; SOFTWARE: FASTSEQ for Windows Version 4.0
 ; SEQ ID NO 1065
 ; LENGTH: 2627
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-60-495-114-1065
 Alignment Scores:
 Pred. No.: 0 Length: 2627
 Score: 2318.00 Matches: 431
 Percent Similarity: 99.31% Conservative: 0
 Best Local Similarity: 99.31% Mismatches: 3
 Query Match: 98.98% Indels: 0
 DB: 80 Gaps: 0
 US-10-803-530-2 (1-435) x US-60-495-114-1065 (1-2627)
 QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 DB 266 GATCCTGACAGTGTATCAACCTTCAAGAGCTTCGATGCAAAACCCCTGCGAAGACCCCGT 325
 QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleIleIleAlaLeuSerLeu 41
 DB 326 ATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCATCATATGCACTAGAGCTTG 385
 QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
 DB 386 GCGAGTATCATCATGTGTGTCTCTCATCAAGGATTCAGTAATTAATTAATTAATTAATTA 445
 QY 446 TCGCGGCGAGCTCTCCATTCATCCGAGAGAGAGCTGTGTGAGAGAGAGCTGACCTGT 505
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuGlyAspGlyGlnLeuAspCys 81
 DB 446 TCGCGGCGAGCTCTCCATTCATCCGAGAGAGAGCTGTGTGAGAGAGAGCTGACCTGT 505
 QY 82 ProLeuGlyGlnAspGlnHisPheValLysSerPheProGlnGlyProAlaValAla 101
 DB 506 CCTTGGGGAG 565
 QY 506 CCTTGGGGAG 565
 DB 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
 DB 566 GTCCGCTCTCCAG 625
 QY 566 GTCCGCTCTCCAG 625
 DB 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 DB 626 TTCTGTGCTGTTCGACAACTTCACAGAGCTTCGCTGAGACAGAGCTGTGAGAGAGAGAGAG 685

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QY      142  G|Y|YrSerSerlyProThrPheArgAlValGluIleGlyProAspGlnAspLeu 161
Db      686  GGGTACAGCAGCAAAACCACTTTCAGAGCTGTGAGATTGGCCACGACGATCTGGAT
QY      162  ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db      746  GTTGTGTAATCAACAGAAACAGCCAGAGCTTGCATGCRGAATCTCAAGTGGGCTGT
QY      182  LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySerLeuLyThrPro 201
Db      806  CTCTCAGGCTCTCCCTGCTCTCCCTGCACTGCTCTGCTGGAGAGAGCTGAAGACCC
QY      202  ArgValValGlyGlyGlnGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db      866  CGTGTGGTGGTGGAGAGAGAGCTCTGTGGATCTTGGCTTGGAGAGCTGAGCATCCAG
QY      222  TyrAspLySerGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db      926  TACGACAAACAGACAGCTGTGTGAGGAGCATCTTGGACCCCACTGGGTCTCTCAGGCA
QY      242  AlaHisCysPheArgLySerHisThrAspValPheAsnTrpLyValArgAlaGlySerAsp 261
Db      986  GCCCATCTGCTTTCAGAAACATACCGATGTTCTCACTGAGAGAGTGGGCAAGCTCAGAC
QY      262  LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGlnPheAsnPro 281
Db      1046  AAACCTGGGAGCTTCCATCCCTGGCTGTGGCCAAATCATCATCTGATTAATCAACCC
QY      282  MetTrpProLyAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db      1106  ATGTACCCCAAAAGACATACATCGCCCTCATAGAGCTGCAAGTCCCACTTCTTCA
QY      302  GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
Db      1166  GGACAGAGTCAAGGCCATCTGTCTGCCCTTCTTTGATGAGAGACTCACTCCAGCCCA
QY      322  LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db      1226  CTCTGATCATTTGATGGGGCTTTTACGAAGCAGATGGAGGAGATGTCTGACATCTG
QY      342  LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db      1286  CTGACAGGCTCATGTCAGATCATTAACAGACACGCTGCAATGCAAGATGCGTACAG
QY      362  GlyGluValIleThrGluLysMetMetCysAlaGlyIleProGlnGlyValValAspThrCys 381
Db      1346  GGGGAAATCACCGAAGATGATGTGTGCAAGCATCCCGAAGGGGGTGTGGACCTGTC
QY      382  GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValValGlyIle 401
Db      1406  CAGGATGACAGTGTGGGCCCCCTGATGTATCAATCTGACAGTGGCATGTGTGGCATC
QY      402  ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrLysValSer 421
Db      1466  GTTAGTGGGGCTATGTGCTGGGGGGGCCAGACACCCAGAGATATACCAAGGTCTCA
QY      422  AlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
Db      1526  GCTTATCTCACTGATCTCAATGTCTGGAAGGCTGAGCTG 1567

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; SOFTWARE: FaastSeq for Windows Version 4.0
; SEQ ID NO 228
; LENGTH: 2627
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-495-135-228

Alignment Scores:
Pred. No.: 0          Length: 2627
Score: 2318.00       Matches: 431
Percent Similarity: 99.31%   Conservative: 0
Best Local Similarity: 99.31%   Mismatches: 3
Query Match: 98.98%         Indels: 0
DB: 80                  Gaps: 0

US-10-803-530-2 (1-435) x US-60-495-135-228 (1-2627)

QY      2  AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db      266  GATCTGACAGTATCAACTCTGAACAGCTCGATGTCAACCCCTGGCGCAACCCCGT 325
QY      22  IleProMetGlnThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db      326  ATCCCATGAGACCTTTCAGAAAGGTGGGAGTCCCATCATATGACACTGAGCCCTG 385
QY      42  AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTrpThrPheLeu 61
Db      386  GCGAGTATCATCATTTGGTGTCTTCATCAGAGTATCTGGATTAATTAATCTTCTTC 445
QY      62  CysGlyGlyProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlyLeuAspCys 81
Db      446  TGGGGAGCTCTTCACTTCACTTCAATCCGAGAAAGAGCTGTGTGACGAGAGCTGAGT 505
QY      82  ProLeuGlyGlyAspGlnGluHisCysValLysSerPheProGlnGlyProAlaValAla 101
Db      506  CCTTGGGGAGAGACAGAGAGACCTGTGTCAAGAGCTTCCGAAAGGCTGCAAGTGGCA 565
QY      102  ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db      566  GTCCGCTCTCCAAAGGACCGATTCACACTGACAGTGTGAGATCGGCGCACAGGAACTGG 625
QY      122  PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db      626  TTCTCTGCTGTTTTCACAACTTCAACAGAGCTCTGCTGAGACAGCTGTAGACAGATG 685
QY      142  GlyTrpSerSerLyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db      686  GGTACAGACGAAACCACTTTCAGAGCTGTGAGATTTGGCCAGACAGAGATCTGGAT 745
QY      162  ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db      746  GTTGTGTAATCAACAGAAACAGCCAGAGCTTGCATGCRGAATCTCAAGTGGGCTGT 805
QY      182  LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySerLeuLyThrPro 201
Db      806  CTCTCAGGCTCTCCCTGCTCTCCCTGCACTGCTCTGCTGGAGAGAGCTGAAGACCC 865
QY      202  ArgValValGlyGlyGlnGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db      866  CGTGTGGTGGTGGAGAGAGAGCTCTGTGGATCTTGGCTTGGAGAGCTGAGCATCCAG 925
QY      222  TyrAspLySerGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db      926  TACGACAAACAGACAGCTGTGTGAGGAGCATCTTGGACCCCACTGGGTCTCTCAGGCA 985
QY      242  AlaHisCysPheArgLySerHisThrAspValPheAsnTrpLyValArgAlaGlySerAsp 261
Db      986  GCCCATCTGCTTTCAGAAACATACCGATGTTCTCACTGAGAGAGTGGGCAAGCTCAGAC 1045
QY      262  LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGlnPheAsnPro 281
Db      1046  AAACCTGGGAGCTTCCATCCCTGGCTGTGGCCAAATCATCATCTGATTAATCAACCC 1105

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QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1106 ATGTAACCCCAAGACAAATGACATCGCCCTCATGAAGCTGAGTTCCCACTTCTTCA 1165
QY 302 G1YThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
DB 1166 GGCAACAGTCAGGCCCATCTGTCTGCGCTTCTTGTATGAGAGCTCATCCAGCCACCCCA 1225
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
DB 1226 CTCTGGATCATTTGGATGGGGCTTTTACAGACGAATGAGGGAATATGTCTGACATCTG 1285
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAlaTyrGln 361
DB 1286 CTGAGGGGTGATCAGCTCAGTCACTTACAGACACGGTGCATGCAAGATGCGTAC 1345
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyLysValAspThrCys 381
DB 1346 GGGGAAGTCACCGAAGATGATGTGTGAGCATCCGGAAAGGGGTGGAGACCTGC 1405
QY 382 GlnGlyAspSerGlyLysProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
DB 1406 CAGGATGACAGTGTGGGCGCCCTGATGTACCAATCTGACCACTGGCATGTGTGGGCAATC 1465
QY 402 ValSerTrpGlyTyrGlyCysGlyLysProSerThrProGlyValIleTyrThrLysValSer 421
DB 1466 GTTAGTGGGGCTATAGGCTGCGGGGGCCCGAGACCCCGAGATACCAAGGCTCTCA 1525
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValIleTyrLysAlaGluLeu 435
DB 1526 GCCATCTCAACTGATCTACAAATCTCGGAAGGCTGAGCTG 1567

RESULT 75
US-60-172-373-7332
; Sequence 7332, Application US/60172373
; GENERAL INFORMATION:
; APPLICANT: Morris, MacDonald
; APPLICANT: Lal, Preeti
; APPLICANT: Diep, Dinh
; TITLE OF INVENTION: Method for the Identification of Sequence Polymorphisms Using
; FILE REFERENCE: Polymucleotide Sequence Databases, and Single Nucleotide Polymorph
; CURRENT APPLICATION NUMBER: US/60/172,373
; CURRENT FILING DATE: 1999-12-16
; NUMBER OF SEQ ID NOS: 25,772
; SOFTWARE: PERL Program
; SEQ ID NO 7332
; LENGTH: 2076
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 332459.2
US-60-172-373-7332

Alignment Scores:
Pred. No.: 0 Length: 2076
Score: 2311.00 Matches: 434
Percent Similarity: 99.54% Conservative: 0
Best Local Similarity: 99.54% Mismatches: 0
Query Match: 98.68% Indels: 2
DB: 75 Gaps: 0

US-10-803-530-2 (1-435) x US-60-172-373-7332 (1-2076)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgLysProArg 21
DB 223 GATCTGACAGTGAATCACTCTGAAACAGCTCGATGCAACCCCTGGGCAAAACCCCT 282
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleAlaLeuLeuSerLeu 41
DB 283 ATCCCATGAGACCTTCAGAAAGGTGGGGATCCCATCATATAGCACTACTGAGGCTG 342

QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB 343 GCGAGTATCATATGATGGTGTCTCTCATCAAGGTGATTTCTGATTAATACTACTTCTTC 402
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyLysLeuAspProCys 81
DB 403 TGCAGGAGCCTCTTCCACTTATCCAGAGAGAGAGCTGTGTGACGAGAGACTTGACTGT 462
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 463 CCTTTGGGGAGAGAGAGAGAGACTGTGTCAAGAGCTTCCCGAAGGGCTGCACTGGCA 522
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 523 GTCCGCTCTCAAGAGACCATTCACACTGAGAGGTGCTGACTGGCCACAGGGAACTGG 582
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 583 TTCTGTGCTGTTCACAACTTCAAGAGAGCTCTGCTGAGAGAGCTGTAGGAGATG 642
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGluAspLeuAsp 161
DB 643 GGTACACAGACAAACCACTTTCAGAGCTGTGAGATTTGGCCAGACCAAGATTTGAT 702
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
DB 703 GTTGTGAATACAGAAACAGACCAAGAGGCTTGCATGGGAACTCAAGTGGGCTCTG 762
QY 181 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPr 201
DB 763 TCTCTCAGGCTCCCTGCTCCCTGCACTGTCTGCTGAGAGAGCTGAGAACCTCGAACC 822
QY 201 CArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleG1 221
DB 823 CCGTGTGGTGGTGGAGAGGCTCTGTGATTTCTGGCTTGGCAGGTGACATCTCA 882
QY 221 nTyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThr-A 241
DB 883 GTACACAAACAGACGCTCTGTGAGAGAGATCTTGACCCCACTGGGTCTTCACGGG 942
QY 241 laaIaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerA 261
DB 943 CAGCCCACTGCTTCAGAAACATACGATGTTTCACTGAAAGGTGGGGGAGGCTCAG 1002
QY 261 sPylsLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsp 281
DB 1003 ACAAACCTGGGAGCTTCCATCTCCCTGCTGGCCAAAGATCATATGAATTCAC 1062
QY 281 rMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheS 301
DB 1063 CCATGTACCCCAAGACAAATGACATCGCCCTCATAGAGCTGCACTTCCCATCTTCT 1122
QY 301 eArgLThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrP 321
DB 1123 CAGGACAGTGAAGGCCCATGTGTCTGCCCTTCTTGTATGAGAGGCTCACTCAGCACCC 1182
QY 321 rLeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleL 341
DB 1183 CACTGTGATCATTTGATGGGCTTTTGAAGACAAATGAGAGGAATGTGTGACATAC 1242
QY 341 eLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAlaTyrG 361
DB 1243 TGTCTGAGGCTCATCTCAGGCTCATTTGACAGACACGGTGCATGCAAGATGGGTAC 1302
QY 361 lngIyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyLysValAspThrC 381
DB 1303 AGGGGGAAGTCAACCAAGAAATGATGTGTGACAGGATCCCGAAGGGGTGGACACT 1362
QY 381 yGlnGlyAspSerGlyLysProLeuMetTyrGlnSerAspGlnTrpHisValValGlyI 401
DB 1363 GCGAGGGTACAGTGTGGGCCCTGATGTACCAATTCAGACAGTGGGATGTGGGCA 1422
QY 401 leValSerTrpGlyTyrGlyCysGlyLysProSerThrProGlyValIleTyrThrLysValS 421

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Db      1423 TCCTTAGCTGGGCTATGCTGGGGGCCCCGAGACCCGAGATATACCAAGTCT 1482
Qy      421 exlalyrleuansrtpilleyrAsnvaltrplysAlagiuleu 435
Db      1483 CAGCCTATCTCACTGATCTCAATGTCTGGAAGGCTGAGCTG 1526

RESULT 76
US-60-212-659-800
; Sequence 800, Application US/60212659
; GENERAL INFORMATION:
; APPLICANT: Beasley, Ellen
; TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
; FILE REFERENCE: C1000674
; CURRENT APPLICATION NUMBER: US/60/212,659
; CURRENT FILING DATE: 2000-06-19
; NUMBER OF SEQ ID NOS: 879
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 800
; LENGTH: 1522
; TYPE: DNA
; ORGANISM: HUMAN
US-60-212-659-800

Alignment Scores:
Pred. No.: 0 Length: 1522
Score: 2299.50 Matches: 430
Percent Similarity: 97.29% Conservative: 0
Best Local Similarity: 97.29% Mismatches: 1
Query Match: 98.19% Indels: 1
DB: Gaps: 1

US-10-803-530-2 (1-435) x US-60-212-659-800 (1-1522)
Qy      2 AspProaspSerAspGluProleuanserleuaspvallyrProleuarglyrProarg 21
Db      59 GATCTCTGACGATGATCACTCTTGAAAGCCTCGATGTCAAAACCCCTGCCGAAACCCGCT 118
Qy      22 lIeprometGluThrPheArglyValGlylleProllellelleAlaLeuLeuSerleu 41
Db      119 ATCCCATGAGAACCTTCAGAAAGGTGGGATCCCATCATCATAGACATACAGAGCTG 178
Qy      42 AlaSerllellelleValValValleulleVallleuaspIyryrPheleu 61
Db      179 GCGAGTATCATATGTGTGTCTCTCATCAAGGTGATTCGATTAATACTACTTCTC 238
Qy      62 CysGlyInProleuHisPheIleProArglysgInleuCyAspGlyGluLeuaspCys 81
Db      239 TGGGGGAGCCTCTCCACTTCACTCCAGAGAGAGAGCTGTGTGACGAGAGAGCTGACTGT 298
Qy      82 ProleuGlyGluaspGluGluHisCysVallyrSerPheProGluGlyProAlaValAla 101
Db      299 CCTTGGGGGAGAGAGAGAGAGCACTGTGTCAAGGCTTCCCGAAGGCGCTGAGTGGCA 358
Qy      102 ValArgleuSerlyrAspArgSerThrleuGlnValleuaspSerAlaThrGlyAsnTrp 121
Db      359 GTCCGCTCTTCACAGAACCCATCCACACTGAGGTGTGACTCGGACACAGGGAACCTGG 418
Qy      122 PheSerAlaCysPheaspAsmPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnmet 141
Db      419 TTCCTGCTGCTTTCGACCACTTCAGAAAGCTCTCCCTAGACAGCCTTAGGCAAGTg 478
Qy      142 GlYrYr-----SerSerlyrProThrPhearg 150
Db      479 GGCTACAGCAGCTCAACAACCTCTCTCTCTTGATGTGAGCAGCAAAACCACTTTCAG 538
Qy      151 AlaValGluIleGlyProaspGluaspValValGluIleThrGluAsnSerGln 170
Db      539 GCGTGTGAGATTGGCCCAAGACAGAGATCTGAGATGTGTAAATTCACAGAAAACAGCCG 598
Qy      171 GluleuArgMetArgAsnSerSerGlyProCysleuSerGlySerleuValSerleuHis 190

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Db      599 GAGCTGCGATGCGGAACCTCAAGTGGCCCTGTCTCAAGGCTCCCTGGTCTCCCTGCAC 658
Qy      191 CysleuAlaCysGlylyrSerleuysrThrProArgValValGlyGluAlaSer 210
Db      659 TGCTTGTCTGTGGGAAAGCCTGAAGACCCCGGTGTGTGTGTGGAGGGGCTCTT 718
Qy      211 ValAspSerTrpProTrpGlnValSerlleGlnTrAspIyrglnHisValCysGlyGly 230
Db      719 GTGATTCTTGCCCTTGGCAGGTCAAGTCAATCAATGACAAACAGACGCTTGTGAGAG 778
Qy      231 SerlleuaspProHisrTrpValleuThrAlaAlaHisCysPheArglyrHisrAsp 250
Db      779 AGCATTCCTGAGCCCACTGGGTCTTCACGGCAGCCCACTGCTTCAGAAACATACCAT 838
Qy      251 ValPheAsnTrpIyrsValArgAlaGlySerAspIyrsleuGlySerPheProSerleuAla 270
Db      839 GTGTTCAACTGGAAGAGTGGGGGAGGCTCAGACAAACTGGGAGCTTCCATCCCTGGCT 898
Qy      271 ValAlaIyrllellellelleGluPheaspPrometTrpProlyrAspAsnAlaAla 290
Db      899 GTGGCCAAAGATCATCATATTGAATCAACCCCATGTACCCCAAGACATACATCCGCT 958
Qy      291 leuMetIyrsleuGlnPheProleuThrPheSerGlyThrValArgProIleCysleuPro 310
Db      959 CTGATGAGCTGAGATTCACACTCACTTCTCAGGACAGTACAGGCCCATCTGTCTGCC 1018
Qy      311 PhePheaspGluGluLeuThrProAlaThrProleuTrpIlelleGlyTrpGlyPheThr 330
Db      1019 TTCCTTGAATGAGGAGCTCACTCAGCCACCCCACTGTGATATATGAGATGGGCTTTAG 1078
Qy      331 lyeGlnAspGlyGlylyrMetSerAspIleleuLeuGlnAlaSerValGlnValIleasp 350
Db      1079 AAGCAAAATGAGAGGAGAAATGTCTGACATACATGCTGACAGGCTCAGTCCAGTCACTGAC 1138
Qy      351 SerThrArgCysAsnAlaAspAspAlaTrpGlnGlyGluValThrGluIyMetMetCys 370
Db      1139 AGCAGCGGTGACATGACAGATCGCTACAGGGGGAAGTACCCGAAAGATGATGTGT 1198
Qy      371 AlaGlylleProlGluGlyValAlaPheThrCysGlnGlyaspSerGlyGlyProleuMet 390
Db      1199 GAGGAGTCCCGAAGGGGGGTGTGACACTGCGAGGCTGACAGTGTGGGCCCTGATG 1258
Qy      391 TyrGlnSerAspGluThrHisValValGlylleValSerTrpGlyTrpGlyCysGlyGly 410
Db      1259 TACCAATCTGACCAATGGCATGTGTGGCATTCGTTAGTGGGCTATGAGTGTGGGGGCG 1318
Qy      411 ProSerThrProGlyValIlyrThrIyrsValSerAlaTryleuAsnTrpIleTrAsnVal 430
Db      1319 CCGAGCAACCCAGAGATATACCAAGGTCTCAGCTATCTCACTGATCTACATGTCTC 1378
Qy      431 TrpIyrs 432
Db      1379 TGGAAAG 1384

RESULT 77
PCT-US02-41798A-49
; Sequence 49, Application PC/TUS0241798A
; GENERAL INFORMATION:
; APPLICANT: PRANTZ, GRETCHEN
; APPLICANT: HILLAN, KENNETH J.
; APPLICANT: PHILLIPS, HEIDI S.
; APPLICANT: POLAKIS, PAUL
; APPLICANT: SMITH, VICTORIA
; APPLICANT: SPENCER, SUSAN D.
; APPLICANT: WILLIAMS, P. MICKEY
; APPLICANT: WU, THOMAS D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF TUMOR
; FILE REFERENCE: P5014R1-PCT
; CURRENT APPLICATION NUMBER: PCT/US02/41798A
; CURRENT FILING DATE: 2002-12-30

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/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: US 60/103,678
/ PRIOR FILING DATE: 1998-10-08
/ PRIOR APPLICATION NUMBER: US 60/235,451
/ PRIOR FILING DATE: 2000-09-26
/ PRIOR APPLICATION NUMBER: PCT/US99/12252
/ PRIOR FILING DATE: 1999-06-02
/ PRIOR APPLICATION NUMBER: PCT/US99/20111
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR APPLICATION NUMBER: PCT/US00/04342
/ PRIOR FILING DATE: 2000-02-18
/ PRIOR APPLICATION NUMBER: PCT/US00/05841
/ PRIOR FILING DATE: 2000-03-02
/ PRIOR APPLICATION NUMBER: PCT/US00/08439
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: PCT/US00/23328
/ PRIOR FILING DATE: 2000-08-24
/ PRIOR APPLICATION NUMBER: PCT/US00/32678
/ PRIOR FILING DATE: 2000-12-01
/ PRIOR APPLICATION NUMBER: PCT/US01/06520
/ PRIOR FILING DATE: 2001-02-28
/ PRIOR APPLICATION NUMBER: PCT/US01/06666
/ PRIOR FILING DATE: 2001-03-01
/ NUMBER OF SEQ ID NOS: 10
/ SEQ ID NO 2
/ LENGTH: 2063
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-09-888-257A-2

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Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 34 Gaps: 1
US-10-803-530-2 (1-435) x US-09-888-257A-2 (1-2063)

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QY 2 AspProaSpSerAspGlnProLeuAnSerLeuAspValLysProLeuArygProArg 21
Db 219 GATCCTGACAGTGCATGATCACTCTGAAACGCTTCATGTCACAAACCCCTGCGAAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGAGACCTTCAGAAAGTGGGATCCCATCATCATATAGACATCTAGAGCTG 338
QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleValIle 61
Db 339 GCGAGTATCATCATTTGGTTGTCTCTCATCAAGGTGATCTGGATTAATACTACTTCTTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGluLeuAspCys 81
Db 399 TGCAGGAGAGCTCTCCACTTCATCCCGAGAAAGAGCTGTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTCCCTGTTTCAGAACTTCACAGAGAGCTGTGCTGAGAGAGAGCTGTAGAGAGAG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGAGATTGGCCAGAGCCAGGATCTGGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181

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Db 684 GTTGTGAATACAGAAACAGCAGAGAGCTTCGATGCGAACTCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysTrpPro 201
Db 744 CTCTCAGGCTCTCCGTGCTCTCCCTGACATGTCTTCTGCTGTGGAGAGAGAGAGAGAGAGAG 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TAGACAAACAGACAGCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAGAAACATACCGATGTGTTCATCTGGAAGGTGGGCGAGGCTCAGAGC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
Db 984 AAACCTGGAGCTTCATCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATGATCGCCCTCATGAGAGCTGACATTCCTCCTCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCGCCATCTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1163
QY 322 LeuThrIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGAGGCTTTTACAGAGCAGAAATGGAGAGAGAGAGAGAGAGAGAGAGAG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db 1224 CTGACAGGCTCAGTTCAGGTCAATTTGACAGCACACGAGTGCATAGCAGAGAGATCGTACAGC 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGAGAGTACCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnThrHisValValGlyIle 401
Db 1344 CAGGAGTGAAGTGTGTGGGCTTCGATGTTCATCTGACAGTGGAGAGAGAGAGAGAGAGAGAG 1403
QY 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrLysValSer 421
Db 1404 GTTACGTGGGCTATGTGCTGCGGGGGCCGAGACACCCAGAGAGTATACCAAGAGTCTCA 1463
QY 422 AlaTyrLeuAsnThrIleTyrAsnValTrpLysAlaGluLeu 435
Db 1464 GCTTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505

RESULT 79
US-09-946-374-274
/ Sequence 274, Application US/09946374
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.

```


APPLICANT: Roy, Margaret Ann
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tunas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acid Encoding the Same
 FILE REFERENCE: P2830P1C1
 CURRENT APPLICATION NUMBER: US/09/946,374
 CURRENT FILING DATE: 2001-09-04
 PRIOR APPLICATION NUMBER: 60/098716
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098723
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
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 PRIOR FILING DATE: 1998-10-02
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; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
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; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
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Alignment Scores:

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Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 37 Gaps: 1
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US-10-803-530-2 (1-435) x US-09-946-374-274 (1-2063)

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QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
Db 219 GATCTTACAGTGAATCAACCTCTGAAACAGCTCGATGCAAAACCCCTGGCAAAACCCCGT 278
QY 22 ILeProMetGlnThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGGAGACTTCAGAAAGTGGGAGATCCCATTCATCAGACACTAGAGCTG 338
QY 42 AlaSerIleIleIleValIleValIleuIleIysValIleLeuAspIysIleThrPheLeu 61
Db 339 GCGAGTTCATCATTTGGTGTGTCTCATCAAGGTGATTCGTGATAATCTACTTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspArgIysIleLeuAspCys 81
Db 399 TGCAGGAGAGCTCTCCACTTCATCCCAAGAGAGAGCTGTGTGACGAGAGAGCTGGACTGT 458
QY 82 ProLeuGlyIleAspArgIleGlnIleCysValIysSerPheProGlnIleProAlaValAla 101
Db 459 CCGTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
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QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgIleMet 141
Db 579 TTCTCTGCTGTTTCGACAACTTCACAGAGCTCTCCCTAGACAGCTCTAGACATG 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
Db 639 GGGTACAGC-----AGAGCTGTGAGATTTGGCCCAAGACCAAGATCTGGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATTCAGAGAAACAGCCAGAGACTTCGATGCGGAATCCAACTGGGCTCTGT 743
QY 182 LeuSerGlySerIleuValSerLeuHisCysLeuAlaCysGlyIysSerIleuIysThrPro 201
Db 744 CTCTCAGAGCTCCCTGCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 803
QY 202 ArgValAlaGlyIleGlnIleuAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGGGTGGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 863
QY 222 TyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTrpValIleuThrAla 241
Db 864 TACGACAAACAGACAGCTGTGTGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
QY 242 AlaHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
Db 924 GCCCATCTGCTTCAGAGAAACATACCGATGTGTTCATCTGAGAGAGTGGGAGAGAGCTC 983
QY 262 IysLeuGlySerPheProSerIleuAlaValAlaIysIleIleIleIleGlnPheAspPro 281
Db 984 AAACGGGAGAGCTTCCATCCCTGGCTGTGGTGGCCAGAGATCATCATTTGAATTCACCCC 1043
QY 282 MetTyrTrpIysAspAsnAspIleAlaLeuMetIysLeuGlnIleProLeuThrPheSer 301
Db 1044 ATGTACCCCAAAACATGACATCGCCCTCATGAACTGACATGATTCACATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnIleuThrProAlaIleThrPro 321
Db 1104 GGCAAGCTCAGGCGCATCTGTCTGCTCTTCTTGTGAAGAGAGCTTCACTCCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyIysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGGATGGGGCTTTTACGAGACAGAAAGAGAGAGAGATGTGACATATCG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaIleGln 361
Db 1224 CTGACGGCTGCATGTCAGGTCATTTGACAGCACAGGTGCATATCCAGATGCGTACAG 1283
QY 362 GlyGluValThrGlnIysMetMetCysAlaGlyIleProGlnIleGlyValAspThrCys 381
Db 1284 GGGAGAGTCAACAGAGAGATGATGTGTGAGAGAGATCCCGAGAGAGAGGTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyIysProLeuMetIysGlnSerAspGlnIleIleValIleGlyIle 401
Db 1344 CAGGGTGAAGTGTGTGGCCCTGATGTACCAATCTGACCAAGTGGCATGTGGTGGCATC 1403
QY 402 ValSerTrpGlyTrpGlyCysGlyIysProSerThrProGlyValIleThrIysValSer 421
Db 1404 GTTATGCTGGGGCATATGCTGTGGGGGGCCGAGAGACCCAGAGATATACCAAGAGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGlnLeu 435
Db 1464 GCGTATCTCAACTGAGATTAACAATGTGTGAGAGGCTGAGCTG 1505
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RESULT 80
US-10-006-063A-274
; Sequence 274, Application US/10006063A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan L.
; APPLICANT: Ferrara, Napoleone

QY	2	AspProAspSerAspGlnProLeuanserLeuAspValIysProLeuAllysProArg	21
Db	219	GATCTGACAGATGATCAACTCTGGAACAGCCTCGATCAAAACCCCTGCGCAAAACCCCGT	278
QY	22	ILPromeGluThrPheArgIysValGIlyIleProIleIleIleAlaLeuSerLeu	41
Db	279	ATCCCATGAGACCTTTCAGAAAGGCGGGATCCCATCATCATAGCACTACAGAGCTTG	338
QY	42	AlaSerIleIleIleValValValLeuIleIysValIleLeuAspIysIlyTrpPheLeu	61
Db	339	GCGAATATCATCATATGGTGTGGTGGCTTCATCAAGGTGATTCGTGAATAATCTACTTCCTC	398
QY	62	CysGIyGlnProLeuHisPheIleProArgIyGIleuCyAspGIyGluLeuAspCys	81
Db	399	TGCGGAGCAGCTCTCCACTTCATCCGAGGAGACAGCTGTGTGACGAGAGCTGCACTGT	455
QY	82	ProLeuGIyGluAspGIyGluHisCysValIysSerPheProGluGIyProAlaValAla	101
Db	459	CCCTTGGGGAGGACGAGGAGCACTGTGTCAAGAGCTTCCCCGAAAGGCGCTGCAAGTGGCA	518
QY	102	ValAlaGluSerIlyAspArgSerThrIleGlnValLeuAspSerAlaThrIlyAsnTrp	122
Db	519	GTCCGCTCTCCAAAGACCGATCAACATGCAAGTGTGTGAACCTCGGCAACAGGGAACTGG	578
QY	122	PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet	141
Db	579	TTCTCTGCTCTTTTCACAACTTCACAGAGCTCTCGCTAGACAGCTGTGAGCAGATG	633
QY	142	GIlyTrpSerSerIlyAspProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp	161
Db	639	GGCTACAGC-----ACAGCTGTGGAGATGGGCCACAGACAGAGATCTGGAT	683
QY	162	ValIValGluIleThrGluAsnSerGlnIleuArgPheLysArgAsnSerSerGlyProCys	181
Db	684	GTGTGTGAATCACAGAAACAGCCAGAGCTTCGATGCGGAATCTAAAGTGGGCTGT	744
QY	182	LeuSerGIySerLeuValSerLeuHisCysLeuAlaCysGIyIysSerLeuIysThrPro	201
Db	744	CTCTCAGGCTCCCTGGTCTCCCTGACATGTCTTGGCTGTGGGAAGAGCCTGAAAGACCCC	803
QY	202	ArgValValGIyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln	221

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Db      804 CQTGTGGTGGGTGGGAGAGAGGCGCTCTGTGGATTCTTTGGCGTTGGAGGCTGACGATCCAG 863
QY      222 TyrApLySGlnHsValCySGLyGLySerIleLeuApProHisTrpValIleuThrAla 241
Db      864 TACAGCAAAACAGACAGCTGTGTGAGGAGGACATCTCGAGACCCCGACGTGGGTCTCTCACGGCA 923
QY      242 AlaHsCyPheHsdgVhHisThrAspValPheAntTrpValArgAlaGlySerAsp 261
Db      924 GCCCACTGCTTCAGAGAAACATACCATGTGTCAACTGGAAGAGTGGGGCGAGGCTCAGAC 983
QY      262 LysLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db      984 AAACCTGGGACGCTTCCCATCTCCGTGCTGTGGCGCAAGATCATCATTTGAATTCAAACCC 104
QY      282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db      1044 ATGTACCCCAAGAACAATGACATCCGCCCTCATGAAGAGTCAAGTCCCACTTCATTTCTCA 110
QY      302 GlyHtrValAlaArgProIleCyLeuProPhePheAspGluIleuLeuThrProAlaThrPro 321
Db      1104 GGCAACAGTCAGGCGCCATCTGTCTGCCCTTTGTGATGAGAGAGCTCACTCCAGCCACCCA 116
QY      322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleu 341
Db      1164 CTCTGCATCATTTGATGTGGGGCTTTACGAAGCAGATGAGGGAGAGATGTCTGACATATCTG 122
QY      342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db      1224 CTGCAGGGGTGATGCTCAGGATCATTTGACAGCACGGGTCAATGCAACATGCGTACAG 128
QY      362 GlyIleValAlaThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db      1284 GGGGAAGTCACCGAAGAAATGATGTGTGAGGCAATCCGAAAGGGGTGTGGACACTGC 134
QY      382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValGlyIle 401
Db      1344 CAGGGTGCACGTGTGTGGGCGCCCTGATGTACATCTGACACATGGCATGTGTGGGGCATC 140
QY      402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrLysValSer 421
Db      1404 GTTACTGGGGCTAATGGCTGCGGGGGGCCGAGACACCCGAGAGTATACCAAGATCTCA 146
QY      422 AlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
Db      1464 GCCTATCTCACTGCATCTACATGTCTGAAAGGCTGAGCTG 1505

RESULT 81
US-10-006-116A-274
; Sequence 274, Application US/1006116A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2810P1C15
; CURRENT APPLICATION NUMBER: US/10/006,116A
; PRIOR FILING DATE: 2001-12-16
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723

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1	PRIOR APPLICATION NUMBER: 60/1010711
2	PRIOR FILING DATE: 1998-09-18
3	PRIOR APPLICATION NUMBER: 60/1012799
4	PRIOR FILING DATE: 1998-09-22
5	PRIOR APPLICATION NUMBER: 60/1014711
6	PRIOR FILING DATE: 1998-09-23
7	PRIOR APPLICATION NUMBER: 60/1014721
8	PRIOR FILING DATE: 1998-09-23
9	PRIOR APPLICATION NUMBER: 60/1014751
10	PRIOR FILING DATE: 1998-09-23
11	PRIOR APPLICATION NUMBER: 60/1014761
12	PRIOR FILING DATE: 1998-09-23
13	PRIOR APPLICATION NUMBER: 60/1014771
14	PRIOR FILING DATE: 1998-09-23
15	PRIOR APPLICATION NUMBER: 60/1014791
16	PRIOR FILING DATE: 1998-09-23
17	PRIOR APPLICATION NUMBER: 60/1017381
18	PRIOR FILING DATE: 1998-09-24
19	PRIOR APPLICATION NUMBER: 60/1017411
20	PRIOR FILING DATE: 1998-09-24
21	PRIOR APPLICATION NUMBER: 60/1017431
22	PRIOR FILING DATE: 1998-09-24
23	PRIOR APPLICATION NUMBER: 60/1019151
24	PRIOR FILING DATE: 1998-09-24
25	PRIOR APPLICATION NUMBER: 60/1019161
26	PRIOR FILING DATE: 1998-09-24
27	PRIOR APPLICATION NUMBER: 60/1022071
28	PRIOR FILING DATE: 1998-09-29
29	PRIOR APPLICATION NUMBER: 60/1022401
30	PRIOR FILING DATE: 1998-09-29
31	PRIOR APPLICATION NUMBER: 60/1023071
32	PRIOR FILING DATE: 1998-09-29
33	PRIOR APPLICATION NUMBER: 60/1023301
34	PRIOR FILING DATE: 1998-09-29
35	PRIOR APPLICATION NUMBER: 60/1023311
36	PRIOR FILING DATE: 1998-09-29
37	PRIOR APPLICATION NUMBER: 60/1024841
38	PRIOR FILING DATE: 1998-09-10
39	PRIOR APPLICATION NUMBER: 60/1024871
40	PRIOR FILING DATE: 1998-09-30
41	PRIOR APPLICATION NUMBER: 60/1025701
42	PRIOR FILING DATE: 1998-09-30
43	PRIOR APPLICATION NUMBER: 60/1025711
44	PRIOR FILING DATE: 1998-09-10
45	PRIOR APPLICATION NUMBER: 60/1026841
46	PRIOR FILING DATE: 1998-10-01
47	PRIOR APPLICATION NUMBER: 60/1026871
48	PRIOR FILING DATE: 1998-10-01
49	PRIOR APPLICATION NUMBER: 60/1029651
50	PRIOR FILING DATE: 1998-10-02
51	PRIOR APPLICATION NUMBER: 60/1032581
52	PRIOR FILING DATE: 1998-10-06
53	PRIOR APPLICATION NUMBER: 60/1033141
54	PRIOR FILING DATE: 1998-10-07
55	PRIOR APPLICATION NUMBER: 60/1033151
56	PRIOR FILING DATE: 1998-10-07
57	PRIOR APPLICATION NUMBER: 60/1033281
58	PRIOR FILING DATE: 1998-10-07
59	PRIOR APPLICATION NUMBER: 60/1033951
60	PRIOR FILING DATE: 1998-10-07
61	PRIOR APPLICATION NUMBER: 60/1033961
62	PRIOR FILING DATE: 1998-10-07
63	PRIOR APPLICATION NUMBER: 60/1034011
64	PRIOR FILING DATE: 1998-10-07
65	PRIOR APPLICATION NUMBER: 60/1034491
66	PRIOR FILING DATE: 1998-10-06
67	PRIOR APPLICATION NUMBER: 60/1036331
68	PRIOR FILING DATE: 1998-10-08
69	PRIOR APPLICATION NUMBER: 60/1036781
70	PRIOR FILING DATE: 1998-10-08
71	PRIOR APPLICATION NUMBER: 60/1036791

PRIOR FILING DATE: 1998-10-08
 PRIOR APPLICATION NUMBER: 60/103711
 PRIOR FILING DATE: 1998-10-08
 PRIOR APPLICATION NUMBER: 60/104257
 PRIOR FILING DATE: 1998-10-14
 PRIOR APPLICATION NUMBER: 60/104987
 PRIOR FILING DATE: 1998-10-20
 PRIOR APPLICATION NUMBER: 60/105000
 PRIOR FILING DATE: 1998-10-20
 PRIOR APPLICATION NUMBER: 60/105002
 PRIOR FILING DATE: 1998-10-20
 PRIOR APPLICATION NUMBER: 60/105104
 PRIOR FILING DATE: 1998-10-21
 PRIOR APPLICATION NUMBER: 60/105169
 PRIOR FILING DATE: 1998-10-22
 PRIOR APPLICATION NUMBER: 60/105266
 PRIOR FILING DATE: 1998-10-22
 PRIOR APPLICATION NUMBER: 60/105693
 PRIOR FILING DATE: 1998-10-26
 PRIOR APPLICATION NUMBER: 60/105694
 PRIOR FILING DATE: 1998-10-26
 PRIOR APPLICATION NUMBER: 60/105807
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105881
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105882
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106023
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-006-116A-274 (1-2063)

QY 2 AspProaspSerAspGlnProleuansSerleuaspVallyProleuarglyProarg 21
 Db 219 GATCCTGACAGTGAACCTCTGAAAGCTCGATGTCAAACCCCTGGCAAAACCCCT 278
 QY 22 IleProMetGluThrPhearglyValglyIleProIleIleIleIleIleuSerleu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACACTGAGCCCTG 338
 QY 42 AlaSerIleIleIleValIleValIleuIleuValIleuAspIleuTyrrPheleu 61
 Db 339 GGAATATCATCATGTGTGTGTCTCATCAAGGTATCTGATTAATTAATTAATTAATTA 398
 QY 62 CysGlyGlnProleuHisPheIleProarglyGlnleuCyaspGlyGluIleuaspCys 81
 Db 399 TCCGGGACCTCTCTCACTTCACTCCGAGAGACACTGTGTGACCGAGAGCTGAGTGT 458
 QY 82 ProleuGlyGluaspGlyGluHisCysVallySerPheProGluGlyProAlaValAla 101
 Db 459 CCCTTGGGGAG 518
 QY 102 ValArgleuSerlyAspArgSerThrleuGlnValleuAspSerAlaThrGlyAntTP 121
 Db 519 GTCCGGCTCTCCAAAG 578
 QY 122 PheSerAlaCysPheAspAspPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCTCTGCTGCTTTTCAACAATTCAGAGAGCTCTGCTGAGAGAGAGAGAGAGAGAGAG 638
 QY 142 GlyTyrrSerSerlyAspProThrPheargAlaValGluIleGlyProaspGlnaspLeuasp 161
 Db 639 GGCTAACG-----AAGGCTGTGAGATTTGGCCCAAGACAGAGATCTGAT 683

QY 162 ValValGluIleThrGluaspSerGlnGluIleuArgMetArgAspSerSerGlyProCys 181
 Db 684 GTTGTTGAATTCAGAGAAACAGCAGAGACTTGTGATGGGAGACTCAAGTGGGCTCTGT 743
 QY 182 LeuSerGlySerleuValSerleuHisCysleuAlaCysGlylySerSerleuValThrPro 201
 Db 744 CTCTCAGGCTCTCCCTGCTCTCTGTCATCTGCTGTGGAGAGAGAGAGAGAGAGAGAGAG 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTPGlnValSerIleGln 221
 Db 804 CGTGTGTGGGTGGAG 863
 QY 222 TyrAspLySGlnHisValCysGlyGlySerIleleuaspProHisTrpValleuThrAla 241
 Db 864 TACGACAAACAGACAGCTGTGTGAGAGAGAGATCTGAGACCCCACTGGGTCTTCAGGCA 923
 QY 242 AlaHisCysPhearglyHisThrAspValPheAsnTrpIlyValArgAlaGlySerAsp 261
 Db 924 GCCACCTGCTTCAGAGAAACATACCGATGTGTTCACAGAGAGAGAGAGAGAGAGAGAGAG 983
 QY 262 LysleuGlySerPheProSerleuAlaValAlaValIleIleIleIleIleGluPheAspPro 281
 Db 984 AAACCTGGGAGCTTCCATCCCTGCTGTGGCCAAAGTCATCATCATTAATTCACACCC 1043
 QY 282 MetTyrrProlyAspAspAspIleAlaIleuMetLysleuGlnPheProleuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGATGCTCTATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
 QY 302 GlyThrValArgProIleCysleuProPheAspGlnGluIleuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTTGTATGAGAGAGAGAGAGAGAGAGAGAGAGAG 1163
 QY 322 LeuTrpIleIleGlyTyrrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleleu 341
 Db 1164 CTCTGATCATTTGATGGGCTTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrrGln 361
 Db 1224 CTGCAGGGGTCAAGTCAAGTCAATGACAGCAGCGTCAATGACAGAGAGAGAGAGAGAGAGAG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 Db 1284 GGGAGAGTCAACGAGAAATATGTGTGACAGAGATCCCGAGAGAGAGAGAGAGAGAGAGAG 1343
 QY 382 GlnGlyAspSerGlyGlyProleuMetTyrrGlnSerAspGlnTrpHisValValGlyIle 401
 Db 1344 CAGGCTGACAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGCATGTGGTGGGAGATC 1403
 QY 402 ValSerTrpGlyTyrrGlyCysGlyGlyProSerThrProGlyValTyrrThrLysValSer 421
 Db 1404 GTTACTGGGGCTATGTGTGGGGGGCCGAGACCCCAAGAGATTPACACCAAGGTCTCA 1463
 QY 422 AlaTyrrLeuAsnTrpIleTyrrAsnValTrpIlyValIleGluLeu 445
 Db 1464 GCCTATCTCACTGATCTTACATGTCTGAGAGAGGTGAGCTG 1505

RESULT 82

US-10-006-117A-274

; Sequence 274, Application US/10006117A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James

```

?
? APPLICANT: Paoni, Nicholas F.
? TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
? TITLE OF INVENTION: Acids Encoding the Same
? FILE REFERENCE: P2830PIC13
? CURRENT APPLICATION NUMBER: US/10/006,117A
? PRIOR FILING DATE: 2002-03-19
? PRIOR FILING DATE: 2001-07-09
? NUMBER OF SEQ ID NOS: 477
? SEQ ID NO 274
? LENGTH: 2063
? TYPE: DNA
? ORGANISM: Homo sapiens
US-10-006-117A-274

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Alignment Scores:	
Pred. No.:	0
Score:	2297.50
Percent Similarity:	98.85%
Best Local Similarity:	98.85%
Query Match:	98.10%
DB:	40
	Gaps: 1

QY	2	AspProAbpSerIspgInProLeuAmsSerIleuAspValVpProLeuAryLpProArg	21
Dp	219	GATCTGACGATGATCAACCTCGAAGACCTCGATGTCAACCCCTCGCAACCCCGT	278
QY	22	IleProMetGluThrPheArglyValGlyIleProIleIleIleLeuLeuSerIleu	41
Dp	279	ATCCCATGGAGCCTTCAGAAAGGGGGAGATCCCATCATCATGACATCAAGCCTG	338
QY	42	AlaSerIleIleIleValValIleuIleIleValIleLeuAspIleTyrThrPheIleu	61
Dp	339	GCGAGATCATCATTTGGTTGGTTCCTCATCAAGGATTTCTGGATTAATCTACTCTTC	398
QY	62	CysGlyGlnProLeuHisPheIleProArglyGlnLeuCysAspGlyGluLeuAspCys	81
Dp	399	TGGGGGACGCTCTCCACTTCATCCCGAAGAGCAGCTGTGTGACGGAGACTGACTGT	458
QY	82	ProLeuGlyGluAspGlnGluHisCysValIlySerPheProGlnGluProIleValAla	101
Dp	459	CCCTTGAGGAGGACAGGAGGACCTGTGTCAAGACCTTCCCGAAGGGCTGCGAGTGCA	518
QY	102	ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp	121
Dp	519	GTCGGCTCTCCAAAGGACCGATCCACATGCAAGGTCGTGGACTGGGCCACAGGGAACTGG	578
QY	122	PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet	141
Dp	579	TTCTCTGCTGTTTCACAACATTCACAGAAGCTCGGTGAGACAGCCTGTGAGCAAGATG	638
QY	142	GlyTyrSerSerIlySerProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161
Dp	639	GGCTACAGC-----AGAGCTGTGGAGATTTGGCCAGACAGACAGATCTGGAT	698
QY	162	ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys	181
Dp	684	GTTGTGGAATACAGAAAAACAGCCAGGAGCTTCCGATCCGAACTCAAGTGGGCTCTGT	743
QY	182	LeuSerGlySerIleuValSerIleuHisCysLeuAlaCysGlyIlySerIleuVpThrPro	201
Dp	744	CTCTCAGGCTCCCTGCTCTCCTCGACATGTCCTTGTGCTGTGGAAAGAGCCTGAAAGCCCC	803
QY	202	ArgValValGlyGlyGlnGluAlaSerValAspSerTrpProTrpGlnValSerIleGln	221
Dp	804	CGGTGTGTGGTGGGAGGAGGAGCCCTCTGTGATTTCTTGGCTTGGCAGGTACAGATCAG	863
QY	222	TyrAspIlyGlnHisValCysGlyIlySerIleLeuAspProHisTrpValIleuThrAla	241
Dp	864	TACGACAAACACACGCTGTGTGAAAGGAGACATCTCGACCCCACTGAGTCTTCACGGCA	923

OY	242	AlahisCyPheAagLYSHiETHAsVal.PheaantPrpyVaLAgaIaglySerASP	261
Db	924	GCCACtGCTTCAAGAAACAATCCGAIGTGTTACACTGGAAAGGTGGCGAGCTCAGAC	983
OY	262	LysLeugLysrPheProSerLeuAlaValAlaLyslellellellelueGuPheaamPro	281
Db	984	AAACtGGGCACCTTCATCCCTCGCTGGCCAGATCATCATTAATTCAACCCCC	1043
OY	282	MettYrPolYSAsPaAnaSpilleAlaLeuMetLysleuGlnPheProLeutRhpSer	301
Db	1044	ATGThGCCCAAGAACAATGACATGCGCCCTCATGAGAGCTGCAgTTCCACTCACttTCTCA	1103
OY	302	GIyThVaLaArgProileCYseuProPhePheaSpJugluLeuthrProalathrPro	321
Db	1104	GGCACAGTCAGGCCCATCTGCTGCTGCTCTTGTGATGAGAGCTCACTCCAGCACCCCC	1163
OY	322	LeutRpillelleGIyTPGlyPheThrLyGlnAsnGLyGLyLysMetsrAspilleu	341
Db	1164	CTCGAATCATGTGATGGAGGGGCTTTACAGAACGAAATGAGAGGAAGATGTGACATACtg	1223
OY	342	LeuGlnAlaserValGlnVallleaspSerThrArgCYsaasnlaaspaaspaLatryGln	361
Db	1224	CTGCAGGGGTCAGTCCAGTCGATTCATGACAGCACAGCGGTGCAATCCAGACATCGGTACAG	1283
OY	362	GIyGlInValIthrGlyLysMetMetCYsalaglylleProGluGlyGLyValAspThrCYs	381
Db	1284	GGGGAAGTCACCGAAGAAATGATGTGACAGGATCCCGGAAGGGGGGTGGACACACTGC	1343
OY	382	GlnGLyAspserGIyGIyProLeuMetYrGlnSerAspGlnTrphIsvalValGIyle	401
Db	1344	CAGGTGACAGTGGTGGGGCCCTCGATGTATACCATTCGACCAAGTGCATGTGGTGGGCAATC	1403
OY	402	ValserTPGLyTYrGLyCYsgIyGLyProSerThProGIyValIyrThrLysValSer	421
Db	1404	GTTAGTCTGGGGCTATAGGCTCGGGGGGGCCGACGACCCCGAGTATACCAACAAGGTCTCA	1463
OY	422	AlaTyrlEuaanTrPpIeTYraaenValTRpLyAlaGluLeu	435
Db	1464	GCTTATCTCAACTGGATCTCAATGHTCTGGAAGGCTGAGCTG	1505
 RESULT 83 US-10-006-130A-274 ; Sequence 274, Application US/10006130A ; GENERAL INFORMATION: APPLICANT: Baker, Kevin P. APPLICANT: Botstein, David APPLICANT: Deonoyers, Luc APPLICANT: Eaton, Dan L. APPLICANT: Ferrara, Napoleone APPLICANT: Fong, Sherman APPLICANT: Gao, Wei-Qiang APPLICANT: Goddard, Audrey APPLICANT: Godowski, Paul J. APPLICANT: Grimaldi, Christopher J. APPLICANT: Guney, Austen L. APPLICANT: Hillan, Kenneth J. APPLICANT: Paoni, Nicholas P. TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic FILE REFERENCE: P2830PIc7 CURRENT APPLICATION NUMBER: US/10/006,130A PRIOR FILING DATE: 2002-03-19 Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 477 SEQ ID NO 274 LENGTH: 2063 TYPE: DNA ORGANISM: Homo sapiens US-10-006-130A-274			
Alignment Scores:			
Pred. No.:	0	Length:	2063

Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-006-130A-274 (1-2063)

QY 2 AspProAapSerAapGlnProLeuAanSerLeuAapValIleProLeuAaGlyProAaG 21
 Db 219 GATCCTGACAGTATCAACCTCTGAAACAGCTCGATGTCAAACCCCTCGCAACCCCGT 278
 QY 22 IleProAaGlnThrPhaAaGlyValGlyIleProIleIleIleAaLeuSerLeu 41
 Db 279 ATCCCAAGAGAGACTTCAGAAAGGTGGAGATCCCAATCATATGCACTACTAGACTG 338
 QY 42 AlaSerIleIleIleValIleValIleLeuValIleLeuAapGlyTyrTyrPheLeu 61
 Db 339 GCGAGTATCATCATTTGGTGTCTCTCATCAAGTGATTTGGATTAATACACTTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProAaGlyGlnLeuGlyAapGlyGlnLeuAapCys 81
 Db 399 TGGCGGACAGCTCTCACTCATCCGAGAAAGAGCTGTGTGACGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGlnAapGlyGlnHisCysValIleYserPheProGlnGlyProAlaValAla 101
 Db 459 CCTTGGGGAG 518
 QY 102 ValAaGlnSerLeuAapAaGlnSerThrLeuGlnValIleAapSerAlaThrGlyAanTyr 121
 Db 519 GTCCGCTCTCCAG 578
 QY 122 PheSerAlaCysPheAapAanPheThrGlnAlaLeuAaGlyThrAlaCysAaGlnMet 141
 Db 579 TTCTGCTGCTGTTTGCACAACTTGCACAAAGCTCTGCGAGACAGCTGTGAGAGATG 638
 QY 142 GlyTyrSerSerLeuProThrPheAaGlnValGlyIleGlyProAaGlnAapLeuAap 161
 Db 639 GGCTACACG-----AGAGCTGGAGATTTGGCCAGAGAGAGAGAGAGAGATCTGAT 683
 QY 162 ValValGlnIleThrGlnAanSerGlnGlnLeuAaGlnMetAaAanSerSerGlyProCys 181
 Db 684 GTTGTGAATATCACAAAG 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyYserLeuYserThrPro 201
 Db 744 CTCTAGAGGTCTCTGCTCTCTCTGACCTGTCTTGGCTGTGGAGAGAGCTGAAGACCCC 803
 QY 202 ArgValIleGlyGlyGlnAlaSerValAapSerTyrProTyrGlnValSerIleGln 221
 Db 804 CGTGTGTGGGTGGAG 863
 QY 222 TyrAaPlyValGlnHisValCysGlyGlySerIleLeuAapProHisTyrValIleThrAla 241
 Db 864 TACGCAAAACACACAGCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
 QY 242 AlaHisCysPheAaGlySerHisThrAaPlyValPheAanTyrPlyValAaGlySerAap 261
 Db 924 GCCCACTGCTTTCAGAGAAACATACCGATGTCTTCACTGAAAGGTGGGAGAGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGlnPheAanPro 281
 Db 984 AAACAGGGGAGAGCTTCCATCCCTGCTGTGGCCCAATATCATCATCTTAATTCACACCC 1043
 QY 282 MetTyrProLysAapAanPlyIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAAAGACATGATGATGCTCTCATTAAGCTCAGTTCACATCTTCTCTCA 1103
 QY 302 GlyThrValAaGlnProIleCysLeuProPheAapGlnGlnLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTACAGGCGCATGTCTGCTTCTTGTGATGAGAGAGCTCAGCAGACACCCCA 1163
 QY 322 LeuTyrIleIleGlyTyrPlyPheThrLysGlnAanGlyGlyYserMetSerAapIleLeu 341

Db 1164 CTCTGATCATATGATGAGGCTTTTACAGACGATGAGAGAGAGATGCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAapSerThrAaGlyAanAlaAapAaAlaTyrGln 361
 Db 1224 CTGCAAGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1283
 QY 362 GlyGlnValThrGlnLysMetCysAlaGlyIleProGlnGlyGlyValAaPlyThrCys 381
 Db 1284 GGGAGATCACCGAAGATATGATGATGATGATGATGATGATGATGATGATGATGATG 1343
 QY 382 GlnGlyAapSerGlyGlyProLeuMetTyrGlnSerAapGlnThrPheValIleGlyIle 401
 Db 1344 CAGGTGACAGTGTGGGCTCTGATGATGATGATGATGATGATGATGATGATGATGATG 1403
 QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrLysSer 421
 Db 1404 GTTAGCTGGGCTGTAGCTGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1463
 QY 422 AlaTyrLeuAanTyrIleTyrAaPlyValTyrPlyAaGlnLeu 435
 Db 1464 GCCTATCTCACTGATTTCAATGTCTGAAAGCTGAGCTG 1505

RESULT 84
 US-10-006-172A-274
 Sequence 274, Application US/10006172A
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Geo, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Hillan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830P11
 CURRENT APPLICATION NUMBER: US/10/006,172A
 CURRENT FILING DATE: 2002-03-19
 PRIOR APPLICATION NUMBER: 60/098716
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098723
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098803
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098821
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098843
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/099536
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099596
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099598
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099602
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099642
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099741
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099754

[illegible]

PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105882
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106023
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:

Pred. No.:	Score:	Percent Similarity:	Best Local Similarity:	Query Match:	Length:	Matches:	Conservative:	Mismatches:	Indels:	Gaps:
0	2297.50	98.85%	98.85%	40	2063	429	0	5	1	

US-10-803-530-2 (1-435) x US-10-006-172A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAnSerLeuAspValIleProLeuArgIleProArg 21
 DB 219 GATCTGACAGTATCAACCTCTGACAGCTTCGATGCAAAACCTTCGCAAAACCTCGT 278
 QY 22 IleProMetGluThrPheArgIleValIleProIleIleIleAlaLeuSerLeu 41
 DB 279 ATCCCAAGAGAACCTTCAGAAAGGTGGGATCCCATCATCATGACACTGAGCTG 338
 QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIle 61
 DB 339 GCGAGTATCATCATGT 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgIleValIleValIleValIleValIleVal 81
 DB 399 TCGGGGAGCTCTCTCACTTCATCCGAGAGAGAGCTGTGTGTGTGTGTGTGTGTGTGT 458
 QY 82 ProLeuGlyGlnAspGluGluHisCysValIleSerPheProGluGlyProAlaValAla 101
 DB 459 CCCTTGGGGAG 518
 QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyValTrp 121
 DB 519 GTCCCTCTCTCCAG 578
 QY 122 PheSerAlaCysPheAspAspPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB 579 TTCTCTGCTGT 638
 QY 142 GlyTyrSerSerIleProThrPheArgAlaValIleGlyProAspGlnAspLeuAsp 161
 DB 639 GGCTACAGC-----AGAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 683
 QY 162 ValValGluIleThrGluAnSerGlnIleLeuArgMetArgAnSerSerGlyProCys 181
 DB 684 GTTGTGTGAATCAGAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIleSerLeuIleThrPro 201
 DB 744 CTCTCAGGCT 803
 QY 202 ArgValIleGlyGlyGluGluIleAspSerValAspSerTrpProGlnValSerIleGln 221
 DB 804 CCGT 863
 QY 222 TyrAspLysGlnHisValCysGlyIleSerIleLeuAspProHisTrpValLeuThrAla 241
 DB 864 TAGCAACAAACAGACCTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 923
 QY 242 AlaHisCysPheArgIleHisIleThrAspValPheAsnTrpIleValArgAlaGlySerAsp 261
 DB 924 GCCCAGCTGCTTCAGAAACATACCGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleIleGluPheAsnPro 281
 DB 984 AAACCTGGGAGGCTTCCATCCCTGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043

QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnIleProLeuThrPheSer 301
 DB 1044 ATGTACCCAAAGACATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1103
 QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTACAGGCCCATCTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1163
 QY 322 LeuTrpIleIleGlyTrpGluPheThrIleGlnAnSerGlyIleLysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGAGGCTCTTTCAGAGAGATGAGAGAGAGATGATGATGATGATGAT 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGCAGGGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1283
 QY 362 GlyIleValIleThrGluLysMetMetCysAlaGlyIleProGluGlyValIleAspThrCys 381
 DB 1284 GGGGAGTCAACCGAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1343
 QY 382 GlnGlyAspSerGlyIleProLeuMetTyrGlnSerAspGlnIleValIleValIle 401
 DB 1344 CAGGTGACAGT 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyIleProSerThrProGlyValIleThrLysValSer 421
 DB 1404 GTTACCTGGGCTATGCTGT 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 DB 1464 GCTTATCTCACTGATCTCAATGTCTGAAAGGCTGAGCTG 1505

RESULT 85

US-10-006-485A-274

Sequence 274, Application US/10006485A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Bortstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2830PIC9
 CURRENT APPLICATION NUMBER: US/10/006,485A
 CURRENT FILING DATE: 2001-12-06
 PRIOR APPLICATION NUMBER: 60/098716
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098723
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098803
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098821
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098843
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/099536
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099596
 PRIOR FILING DATE: 1998-09-09

1	PRIOR APPLICATION NUMBER: 60/099598	1	PRIOR FILING DATE: 1998-09-23
2	PRIOR FILING DATE: 1998-09-09	2	PRIOR APPLICATION NUMBER: 60/101479
3	PRIOR APPLICATION NUMBER: 60/099602	3	PRIOR FILING DATE: 1998-09-23
4	PRIOR FILING DATE: 1998-09-09	4	PRIOR APPLICATION NUMBER: 60/101758
5	PRIOR APPLICATION NUMBER: 60/099642	5	PRIOR FILING DATE: 1998-09-24
6	PRIOR FILING DATE: 1998-09-09	6	PRIOR APPLICATION NUMBER: 60/101741
7	PRIOR APPLICATION NUMBER: 60/099741	7	PRIOR FILING DATE: 1998-09-24
8	PRIOR FILING DATE: 1998-09-10	8	PRIOR APPLICATION NUMBER: 60/101743
9	PRIOR APPLICATION NUMBER: 60/099754	9	PRIOR FILING DATE: 1998-09-24
10	PRIOR FILING DATE: 1998-09-10	10	PRIOR APPLICATION NUMBER: 60/101915
11	PRIOR APPLICATION NUMBER: 60/099763	11	PRIOR FILING DATE: 1998-09-24
12	PRIOR FILING DATE: 1998-09-10	12	PRIOR APPLICATION NUMBER: 60/101916
13	PRIOR APPLICATION NUMBER: 60/099792	13	PRIOR FILING DATE: 1998-09-24
14	PRIOR FILING DATE: 1998-09-10	14	PRIOR APPLICATION NUMBER: 60/102207
15	PRIOR APPLICATION NUMBER: 60/099808	15	PRIOR FILING DATE: 1998-09-29
16	PRIOR FILING DATE: 1998-09-10	16	PRIOR APPLICATION NUMBER: 60/102240
17	PRIOR APPLICATION NUMBER: 60/099812	17	PRIOR FILING DATE: 1998-09-29
18	PRIOR FILING DATE: 1998-09-10	18	PRIOR APPLICATION NUMBER: 60/102307
19	PRIOR APPLICATION NUMBER: 60/099815	19	PRIOR FILING DATE: 1998-09-29
20	PRIOR FILING DATE: 1998-09-10	20	PRIOR APPLICATION NUMBER: 60/102330
21	PRIOR APPLICATION NUMBER: 60/099816	21	PRIOR FILING DATE: 1998-09-29
22	PRIOR FILING DATE: 1998-09-10	22	PRIOR APPLICATION NUMBER: 60/102331
23	PRIOR APPLICATION NUMBER: 60/100385	23	PRIOR FILING DATE: 1998-09-29
24	PRIOR FILING DATE: 1998-09-15	24	PRIOR APPLICATION NUMBER: 60/102484
25	PRIOR APPLICATION NUMBER: 60/100388	25	PRIOR FILING DATE: 1998-09-30
26	PRIOR FILING DATE: 1998-09-15	26	PRIOR APPLICATION NUMBER: 60/102487
27	PRIOR APPLICATION NUMBER: 60/100390	27	PRIOR FILING DATE: 1998-09-30
28	PRIOR FILING DATE: 1998-09-15	28	PRIOR APPLICATION NUMBER: 60/102570
29	PRIOR APPLICATION NUMBER: 60/100584	29	PRIOR FILING DATE: 1998-09-30
30	PRIOR FILING DATE: 1998-09-16	30	PRIOR APPLICATION NUMBER: 60/102571
31	PRIOR APPLICATION NUMBER: 60/100627	31	PRIOR FILING DATE: 1998-09-30
32	PRIOR FILING DATE: 1998-09-16	32	PRIOR APPLICATION NUMBER: 60/102684
33	PRIOR APPLICATION NUMBER: 60/100661	33	PRIOR FILING DATE: 1998-10-01
34	PRIOR FILING DATE: 1998-09-16	34	PRIOR APPLICATION NUMBER: 60/102687
35	PRIOR APPLICATION NUMBER: 60/100662	35	PRIOR FILING DATE: 1998-10-01
36	PRIOR FILING DATE: 1998-09-16	36	PRIOR APPLICATION NUMBER: 60/102965
37	PRIOR APPLICATION NUMBER: 60/100664	37	PRIOR FILING DATE: 1998-10-02
38	PRIOR FILING DATE: 1998-09-16	38	PRIOR APPLICATION NUMBER: 60/103258
39	PRIOR APPLICATION NUMBER: 60/100683	39	PRIOR FILING DATE: 1998-10-06
40	PRIOR FILING DATE: 1998-09-17	40	PRIOR APPLICATION NUMBER: 60/103314
41	PRIOR APPLICATION NUMBER: 60/100684	41	PRIOR FILING DATE: 1998-10-07
42	PRIOR FILING DATE: 1998-09-17	42	PRIOR APPLICATION NUMBER: 60/103315
43	PRIOR APPLICATION NUMBER: 60/100710	43	PRIOR FILING DATE: 1998-10-07
44	PRIOR FILING DATE: 1998-09-17	44	PRIOR APPLICATION NUMBER: 60/103328
45	PRIOR APPLICATION NUMBER: 60/100711	45	PRIOR FILING DATE: 1998-10-07
46	PRIOR FILING DATE: 1998-09-17	46	PRIOR APPLICATION NUMBER: 60/103395
47	PRIOR APPLICATION NUMBER: 60/100848	47	PRIOR FILING DATE: 1998-10-07
48	PRIOR FILING DATE: 1998-09-18	48	PRIOR APPLICATION NUMBER: 60/103396
49	PRIOR APPLICATION NUMBER: 60/100849	49	PRIOR FILING DATE: 1998-10-07
50	PRIOR FILING DATE: 1998-09-18	50	PRIOR APPLICATION NUMBER: 60/103401
51	PRIOR APPLICATION NUMBER: 60/100919	51	PRIOR FILING DATE: 1998-10-07
52	PRIOR FILING DATE: 1998-09-17	52	PRIOR APPLICATION NUMBER: 60/103449
53	PRIOR APPLICATION NUMBER: 60/100930	53	PRIOR FILING DATE: 1998-10-06
54	PRIOR FILING DATE: 1998-09-17	54	PRIOR APPLICATION NUMBER: 60/103633
55	PRIOR APPLICATION NUMBER: 60/101014	55	PRIOR FILING DATE: 1998-10-08
56	PRIOR FILING DATE: 1998-09-18	56	PRIOR APPLICATION NUMBER: 60/103678
57	PRIOR APPLICATION NUMBER: 60/101068	57	PRIOR FILING DATE: 1998-10-08
58	PRIOR FILING DATE: 1998-09-18	58	PRIOR APPLICATION NUMBER: 60/103679
59	PRIOR APPLICATION NUMBER: 60/101071	59	PRIOR FILING DATE: 1998-10-08
60	PRIOR FILING DATE: 1998-09-18	60	PRIOR APPLICATION NUMBER: 60/103711
61	PRIOR APPLICATION NUMBER: 60/101279	61	PRIOR FILING DATE: 1998-10-08
62	PRIOR FILING DATE: 1998-09-22	62	PRIOR APPLICATION NUMBER: 60/104257
63	PRIOR APPLICATION NUMBER: 60/101471	63	PRIOR FILING DATE: 1998-10-14
64	PRIOR FILING DATE: 1998-09-23	64	PRIOR APPLICATION NUMBER: 60/104587
65	PRIOR APPLICATION NUMBER: 60/101472	65	PRIOR FILING DATE: 1998-10-20
66	PRIOR FILING DATE: 1998-09-23	66	PRIOR APPLICATION NUMBER: 60/105000
67	PRIOR APPLICATION NUMBER: 60/101474	67	PRIOR FILING DATE: 1998-10-20
68	PRIOR FILING DATE: 1998-09-23	68	PRIOR APPLICATION NUMBER: 60/105002
69	PRIOR APPLICATION NUMBER: 60/101475	6	

PRIOR APPLICATION NUMBER: 60/105266
 PRIOR FILING DATE: 1998-10-22
 PRIOR APPLICATION NUMBER: 60/105693
 PRIOR FILING DATE: 1998-10-26
 PRIOR APPLICATION NUMBER: 60/105694
 PRIOR FILING DATE: 1998-10-26
 PRIOR APPLICATION NUMBER: 60/105807
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105881
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105882
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106023
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:

Pred. No.:	0	Length:	2063
Score:	2297.50	Matches:	429
Percent Similarity:	98.85%	Conservative:	0
Best Local Similarity:	98.85%	Mismatches:	0
Query Match:	98.10%	Indels:	5
DB:	40	Gaps:	1

US-10-803-530-2 (1-435) x US-10-006-485A-274 (1-2063)

QY 2 ASPROASPSEASPGINPROLEUANSERLEUASPVALLYPROLEUARGLYSPROARG 21
 DB 219 GATCTGACAGTATCAACCTCTGAACAGCTCGATGTCACACCCCTGGCAACCCCTG 278
 QY 22 ILEPROMETGLUTHPHARGLYSVALGILYILEPROILLEILELALALEUENSELEU 41
 DB 279 ATCCCATGAGACCTTCGAAAGGTGGGATCCCATCATATGACATCTACTGAGCCCTG 338
 QY 42 ALASERILLEILELVALVALLEULEULEYVALLEULEUASPLYTYRPHLEU 61
 DB 339 GGGATGATCATATGTTGTTGTTCTCTCATCAGAGTATTCGATTAATACACTCTTCCTC 398
 QY 62 CYSGLYGINPROLEUHIAPHEILEPROARGLYSGINLEUCYASPGLYGILEUASPCYS 81
 DB 399 TGGGGGAGCCCTCTCACTTCATCCGAGAGAGAGCTGTGACGAGAGCTGAGCTGT 458
 QY 82 PROLEUGLYGILUASPGILUHIISCVALLYSERPHROGLUGLYPROALVALAIA 101
 DB 459 CCTTGGGGAG 518
 QY 102 VALARGLEUSERLYASPARSERTHLEUGINVALLEUASPSERLATHRGILYASNT 121
 DB 519 GTCCGCTCTCCAG 578
 QY 122 PHESEALACYPHEAPASPHETHRGUALALEUALGLUTHRALA CYAARGINMET 141
 DB 579 TTCTCTGCTGTTTGCACAACTTCACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 638
 QY 142 GLYTYRSESERLYSPROTHRPHARGALAVAGILUIGLYPROASPGILASPLEUAP 161
 DB 639 GGCTACAGC-----AGAGCTGTGAGAGATGGCCACAGAGAGAGAGAGAGAGAG 683
 QY 162 VALVALGILUITHRGILUANSERGINULEUARGMETARGANSERSEGLYPROCY 181
 DB 684 GTTGTGAAATCACAAACAG 743
 QY 182 LEUSERGLYSELEUVALSERLEUHIISCVALLYSERLYSPROCY 201
 DB 744 CTCTGAGGCTCCCTGTCTCTCCCTGCACTGTCTGTGAGAGAGAGAGAGAGAGAGAG 803
 QY 202 ARGVALVALGILYGLUGILUALASERVALASPSERTTPROTRPGLINVALSERILEGIN 221
 DB 804 CGGTGTGTGGGTGGAG 863
 QY 222 TYRASPGLYGLNHIISVALCYSGLYGILYSELEULEUASPROHISTTPVALLEUTHRALA 241
 DB 864 TACGACAAACAG 923

QY 2242 ALAHISCYSPHEARGLYSHIETHRASPVALPHEASNTPLYSVALARGALAGLYSERASP 261
 DB 924 GCCACCTGCTTCAGAGAAACATACCATGTGTTCACTGAGAGAGAGAGAGAGAGAGAG 983
 QY 262 LYSLEUGLYSERPHROSERLEUALVALALALYSILELLELLELGLUPHEANPRO 281
 DB 984 AAACGTGGGAGCTTCCCATCTCTGGCTGTGGCCAAAGATCATCATCATTAATCAACCCC 1043
 QY 282 METTYRPROLYSAPASPHETHPHELEULEULEULEULEULEULEULEULEULEULEULE 301
 DB 1044 ATGTACCCCAAGACATGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
 QY 302 GLYTHRVALARGPROILECYLEUPROPHESAPGILUGILUETHRPROALATHRPRO 321
 DB 1104 GGCACAGTACAGCCCATGTCTGCTCTCTTTATGAGAGAGCTCACCTCCAGCCACCCCA 1163
 QY 322 LEUTRPLELLEGLYTPGLYPHETHRILYSGILUANSGLYLYLYMETSERASPILLEU 341
 DB 1164 CTCTGATCATTTGATGGGCTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1223
 QY 342 LEUGINALASERVALGINVALILEASPSERTHRARGCYASAMALASAPASALATYRGIN 361
 DB 1224 CTGCAAGGCTCAGTCCAGTCAATGACAGCACAGGTCCAAATGACAGAGAGAGAGAGAG 1283
 QY 362 GLYGLUVALTHRGILUYSMETMETCYBALAGLYILEPROGLUGLYGLYVALASPTHRCYS 381
 DB 1284 GGGAGAGTCCAGAGAAATGATGTGTCCAGAGATCCCGAGAGAGAGAGAGAGAGAGAG 1343
 QY 382 GINGLYASPSERGLYGLYPROLEUMETTYRGINSEAPSGINTPHISVALVALGILYILE 401
 DB 1344 CAGGCTGACAGTGGTGGGCCCCCTGATGACCAATGACAGTGGCATGTGTGGGAGATC 1403
 QY 402 VALSERTPGLYTYRGLYCYSGLYGLYPROSETHRPROGLYVALTYRTHLYSTALSER 421
 DB 1404 GTTAGCTGGGCTATAGCTGCGGGGGCCCCAGCACCCAGAGAGTATACCAAGAGTCTCA 1463
 QY 422 ALATYRLEUASNTPLILETYRASNVALTRPLYSALAGILUETH 435
 DB 1464 GCTATCTCACTGATCTCAATGTCTGAAAGGCTGAGCTG 1505

RESULT 86
 US-10-006-746A-274
 Sequence 274, Application US/10006746A
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2830PICS
 CURRENT APPLICATION NUMBER: US/10/006,746A
 CURRENT FILING DATE: 2001-12-06
 PRIOR APPLICATION NUMBER: 60/098716
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098723
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098803

1	PRIOR FILING DATE: 1998-09-02	60/098821
2	PRIOR APPLICATION NUMBER: 60/098821	
3	PRIOR FILING DATE: 1998-09-02	60/098843
4	PRIOR APPLICATION NUMBER: 60/098843	
5	PRIOR FILING DATE: 1998-09-02	60/099556
6	PRIOR APPLICATION NUMBER: 60/099556	
7	PRIOR FILING DATE: 1998-09-02	60/099566
8	PRIOR APPLICATION NUMBER: 60/099566	
9	PRIOR FILING DATE: 1998-09-02	60/099741
10	PRIOR APPLICATION NUMBER: 60/099741	
11	PRIOR FILING DATE: 1998-09-10	60/099754
12	PRIOR APPLICATION NUMBER: 60/099754	
13	PRIOR FILING DATE: 1998-09-10	60/099763
14	PRIOR APPLICATION NUMBER: 60/099763	
15	PRIOR FILING DATE: 1998-09-10	60/099792
16	PRIOR APPLICATION NUMBER: 60/099792	
17	PRIOR FILING DATE: 1998-09-10	60/099808
18	PRIOR APPLICATION NUMBER: 60/099808	
19	PRIOR FILING DATE: 1998-09-10	60/099812
20	PRIOR APPLICATION NUMBER: 60/099812	
21	PRIOR FILING DATE: 1998-09-10	60/099815
22	PRIOR APPLICATION NUMBER: 60/099815	
23	PRIOR FILING DATE: 1998-09-10	60/100388
24	PRIOR APPLICATION NUMBER: 60/100388	
25	PRIOR FILING DATE: 1998-09-15	60/100390
26	PRIOR APPLICATION NUMBER: 60/100390	
27	PRIOR FILING DATE: 1998-09-15	60/100584
28	PRIOR APPLICATION NUMBER: 60/100584	
29	PRIOR FILING DATE: 1998-09-16	60/100627
30	PRIOR APPLICATION NUMBER: 60/100627	
31	PRIOR FILING DATE: 1998-09-16	60/100663
32	PRIOR APPLICATION NUMBER: 60/100663	
33	PRIOR FILING DATE: 1998-09-17	60/100684
34	PRIOR APPLICATION NUMBER: 60/100684	
35	PRIOR FILING DATE: 1998-09-17	60/100710
36	PRIOR APPLICATION NUMBER: 60/100710	
37	PRIOR FILING DATE: 1998-09-17	60/100711
38	PRIOR APPLICATION NUMBER: 60/100711	
39	PRIOR FILING DATE: 1998-09-17	60/100848
40	PRIOR APPLICATION NUMBER: 60/100848	
41	PRIOR FILING DATE: 1998-09-18	60/100919
42	PRIOR APPLICATION NUMBER: 60/100919	
43	PRIOR FILING DATE: 1998-09-17	60/100930
44	PRIOR APPLICATION NUMBER: 60/100930	
45	PRIOR FILING DATE: 1998-09-17	60/101014
46	PRIOR APPLICATION NUMBER: 60/101014	
47	PRIOR FILING DATE: 1998-09-18	60/101066
48	PRIOR APPLICATION NUMBER: 60/101066	
49	PRIOR FILING DATE: 1998-09-18	60/101071
50	PRIOR APPLICATION NUMBER: 60/101071	
51	PRIOR FILING DATE: 1998-09-22	60/101279
52	PRIOR APPLICATION NUMBER: 60/101279	
53	PRIOR FILING DATE: 1998-09-23	60/010471
54	PRIOR APPLICATION NUMBER: 60/010471	

PRIOR APPLICATION NUMBER: 60/1014712	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/1014747	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/1014757	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/1014757	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/1014767	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/1014777	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/1014777	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/1014797	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101743	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102240	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484	PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487	PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570	PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571	PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684	PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687	PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687	PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965	PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258	PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103396	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449	PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633	PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678	PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679	PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711	PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257	PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987	

; PRIOR FILING DATE: 1998-10-20
 ; PRIOR APPLICATION NUMBER: 60/105000
 ; PRIOR FILING DATE: 1998-10-20
 ; PRIOR APPLICATION NUMBER: 60/105002
 ; PRIOR FILING DATE: 1998-10-20
 ; PRIOR APPLICATION NUMBER: 60/105104
 ; PRIOR FILING DATE: 1998-10-21
 ; PRIOR APPLICATION NUMBER: 60/105169
 ; PRIOR FILING DATE: 1998-10-22
 ; PRIOR APPLICATION NUMBER: 60/105266
 ; PRIOR FILING DATE: 1998-10-22
 ; PRIOR APPLICATION NUMBER: 60/105693
 ; PRIOR FILING DATE: 1998-10-26
 ; PRIOR APPLICATION NUMBER: 60/105694
 ; PRIOR FILING DATE: 1998-10-26
 ; PRIOR APPLICATION NUMBER: 60/105807
 ; PRIOR FILING DATE: 1998-10-27
 ; PRIOR APPLICATION NUMBER: 60/105881
 ; PRIOR FILING DATE: 1998-10-27
 ; PRIOR APPLICATION NUMBER: 60/105882
 ; PRIOR FILING DATE: 1998-10-27
 ; PRIOR APPLICATION NUMBER: 60/106023
 ; PRIOR FILING DATE: 1998-10-28
 ; PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-006-746A-274 (1-2063)

Oy 2 AaspProaasPserAsglInProleuansSerleuAaspVallySProleuAsglySProaArg 21
 Db 219 GATCTGACAGTGAATCAACCTCTGAACAGCCCTGCATCAACCCCTGGCAAAACCCCGT 278
 Oy 22 ILeProMetGluThrPheArglyValGlyIleProIleIleIleAlaLeuSerleu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACACTGAGCCCTG 338
 Oy 42 AlaSerIleIleIleValValValIleuIlelySValIleLeuAaspIlyeThyTyrPheLeu 61
 Db 339 GCGAGTATCATCATGTGTGTCTCTCATCAAGGTGATTCGATTAATAACTACTCTCTC 398
 Oy 62 CysGlyInProleuHISpHeIleProaGlySgInLeuCyAaspGlyGluLeuAaspCys 81
 Db 399 TGGGGGAGCCCTCTCACTTCATCCCGAGAGAGCAAGCTGTGTGACGAGAGCTGACCTGT 458
 Oy 82 ProLeuGlyGluAaspGluGluHISCySVallySserPheProGlyProAlaValAla 101
 Db 459 CCTTGGGGGAGAGAGAGAGAGAGCTGTCAAGAGCTTCCCGAAGGGGCTGCAAGTGGA 518
 Oy 102 ValAglLeuSerlyAaspArgSerThrleuGlnValleuAaspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCCCTCTCAAGAGAGAGATCCACATGAGGTGTGCTGCACTCGGCCACAGAGAACTGG 578
 Oy 122 PheSerAlaCySPhaAaspAaspHeThrgluAlaValagluThrAlaCySArgGlnMet 141
 Db 579 TTCTGTGCTGTTCGACAACTTCACAGAGCTCTGCTGAGACAGCTGTAGGGCAGATG 638
 Oy 142 GlyTyrSerSerlyPheThrPheArgAlaValGluIleGlyProAaspGlnAaspLeuAap 161
 Db 639 GGCTACAGC-----AGAGCTGTGAGATGGGCCAGACCAAGATCTGAT 683
 Oy 162 ValValGluIleThrgluAaspSerGlnGluLeuAagMetArgAaspSerSerGlyProCys 181
 Db 684 GTTGTGTAATCAACGAAAAAGAGCCGAGGTCTGATCGAGTCCGAACTCAAGTGGGCCCTCT 743
 Oy 182 LeuSerGlySerleuValSerleuHISCySleuAlaCySgIlySserleuThyPro 201

Db 744 CTCTCAGGCTCCCTGCTCTCCCTGCACTGTTCCTGTGGAGAGCTTAAGACCC 803
 Oy 1202 ArgValValGlyGlyGluGluAlaSerValAaspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGGTGGGTGGAGAGAGGCTCTGTGATCTTGGCTTGGCAGGTGACATTCAG 863
 Oy 222 TyrAaspGlnHISValCySgIlySerIleLeuAaspProHISTrpValLeuThrAla 241
 Db 864 TACGACAAACAGCAGCTGTGTGGAGGAGCATCTTGGACCCCACTGGGTCTCAAGGCA 923
 Oy 242 AlaHISCySPhaAaspAaspHeThrAaspValPheAsnTrpIlySValArgAlaGlySerAap 261
 Db 924 GCCCACTGCTTCAGAAACATACAGATGTTCACATGGAAGGTGCGGAGGCTCAAGC 983
 Oy 262 LysLeuGlySerPheProSerleuAlaValAlaIlySleIleIleIleGluPheAsnPro 281
 Db 984 AAACCTGGGACCTTCATCCATCCCTGCTGTGGCCAAAGATCATCATTAATTAACCCC 1043
 Oy 282 MetTyrProlyAaspAaspIleAlaLeuMetLysLeuGlnPheProleuThrPheSer 301
 Db 1044 ATGTACCCCAAAAGCAATGATCATGCGCTCATGAAGCTGCAAGTCCCACTTCATCA 1103
 Oy 302 GlyThrValArgProIleCySleuProPhePheAaspGluGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTTTGATGAGAGCTCATTCAGCCACCCCA 1163
 Oy 322 LeuTrpIleIleGlyTyrGlyPheThrlySgInAaspGlyIlyMetSerAaspIleLeu 341
 Db 1164 CTGTGATCATGTGAGGAGGCTTTTACAGAGCAAGATGAGAGAGATCTTGACATCTG 1223
 Oy 342 LeuGlnAlaSerValGlnValIleAaspSerThrArgCySAsnAlaAaspAlaTyrGln 361
 Db 1224 CTGACAGGCTCAGTCAAGTCAATGACAGCACAGGTCAATGACAGATCGTACAG 1283
 Oy 362 GlyGluValThrGlyLysMetMetCySAlaGlyIleProGlyGlyValAaspThrCys 381
 Db 1284 GGGAGAGTCACCGAGAGATGATGTGTGACAGCATCCCGAAGGGGAGTGTGACACCTGC 1343
 Oy 382 GlnGlyAaspSerGlyIlyProleuMetTyrGlnSerAaspGlnTrpHISValValGlyIle 401
 Db 1344 CAGGTGACAGGTGGGAGGCTTGTGATGACATGTGACAGTGTGAGTGTGGGATC 1403
 Oy 402 ValSerTrpGlyTyrGlyCySgIlyIlyProSerThrProGlyValTyrThrlySValSer 421
 Db 1404 GTTACCTGGGCTAGTGTGGGGGAGGAGCCAGACCCAGAGGTATACCAAGGTCTCA 1463
 Oy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIlySAlaGluLeu 435
 Db 1464 GCCTATCTCAACTGATCTACATGTCTGGAAGGCTGAGCTG 1505

RESULT 87
 US-10-006-818A-274
 ; Sequence 274, Application US/10006818A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Baton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Pan, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2830PIC4
 CURRENT APPLICATION NUMBER: US/10/006,818A
 CURRENT FILING DATE: 2001-12-06

; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-006-818A-274

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-006-818A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArg 21
 Db 219 GATCTGACAGATGATCAACCTTGAAACAGCTCGATGCAAAACCCCTGGCAAAACCCCGT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleAlaLeuMetSerLeu 41
 Db 279 ATCCCATGGAAGCCTTGAGAAAGTGGGATCCCATCATCATAGCACTGAGCCTG 338
 QY 42 AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrPheLeu 61
 Db 339 GGAAGATATCATATGTGTGTCTGCTCATCAAGGATCTGATTAATTAATTAATCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyLysLeuAspCys 81
 Db 399 TCGGGGAGAGCTCTCCACTTCACTCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 458
 QY 82 ProLeuGlyGlnAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla 101
 Db 459 CCCTTGGGGAG 518
 QY 102 ValArgLeuSerLeuAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
 Db 519 GTCCGCTCTCCAAAG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnTrrAlaCysArgGlnMet 141
 Db 579 TTCTCTGCTGTTTGGACACTTCAACAAAGCTCTGCTGAGAGAGAGAGAGAGAGAGAGAGAG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGCTACAGC-----AGAGCTGGAGAGATTGGCCAGAGAGAGAGAGAGAGAGAGAGAGAT 683
 QY 162 ValValGlnIleThrGlnAsnSerGlnGlnLeuArgMetLysAsnSerSerGlyProCys 181
 Db 684 GTTGTGAAATCAACAGAAAG 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAAGGCTCCCTGCTCTCCCTGCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 803
 QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
 Db 804 GGT 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisGlyThrValLeuThrAla 241
 Db 864 TAGAGAAAG 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTyrLysValAlaArgAlaGlySerAsp 261
 Db 924 GCCACAGCTTCAAGAGAAACATACGATGTCTCACTGAGAGAGAGAGAGAGAGAGAGAGAGAG 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGlnPheAsnPro 281
 Db 984 AAACCTGGAGAGCTTCCATCTCCCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043

QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAG 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAG 1163
 QY 322 LeuTyrIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGATCATATGTGATGGGCTTTTACAGAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGAG 1283
 QY 362 GlyGlnValThrGlnLysMetMetCysAlaGlyIleProGlnGlnGlyValAlaAspThrCys 381
 Db 1284 GGGAGAGTCACGAG 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrrHisValValGlyIle 401
 Db 1344 CAGGTGACAGT 1403
 QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 Db 1404 GTTAGCTGGGGCTATAGCTGTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1463
 QY 422 AlaTyrLeuAsnTrrIleTyrAsnValTrrLysAlaGlnLeu 435
 Db 1464 GCTATCTCACTGATCTACATGCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1505

RESULT 88

US-10-006-856A-274

Sequence 274, Application US/1006856A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan L.

APPLICANT: Ferreira, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Guiney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C14

CURRENT APPLICATION NUMBER: US/10/006, 856A

NUMBER OF SEQ ID NOS: 477

Prior Application removed - See File Wrapper or Palm

SEQ ID NO 274

LENGTH: 2063

TYPE: DNA

ORGANISM: Homo sapiens

US-10-006-856A-274

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-006-856A-274 (1-2063)

QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValIleProLeuArgIleProArg 21
DB 219 GATCTGACAGTGAATCAACCTCTGAAAGAGCTCGAATGCAAAACCCCTCGCAAAACCCCTG 278
QY 22 IleProMetGlnThrPheArgIleValIlePheProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCATGAGACCTTTCAGAAAGGTGGGAGATCCCATCAATCAATGACATCTAGAGCTTG 338
QY 42 AlaSerIleIleIleValIleValIleLeuIleValIleLeuAspIleValIleValIleLeu 61
DB 339 GCGAGTATCATCATGTGTGTCTCTCATCAAGGATGATTCGATAAATACTACTACTCTCTC 398
QY 62 CysGlnGlnProLeuHisPheIleProArgIleGlnIleCysAspGlnIleLeuAspCys 81
DB 399 TCGCGGAGAGCTCTCACTTCACTCCGAGAAAGAGCTGTGTGAGAGAGAGTGAAGTCTGT 458
QY 82 ProLeuGlnIleAspGlnIleValIleCysValIleValSerPheProGlnIleProAlaValAla 101
DB 459 CCTTTGGGGAG 518
QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValIleAspSerAlaThrIleValIleTrp 121
DB 519 GTCCGCTCTCCAAAG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaAlaGlnIleThrAlaCysArgGlnMet 141
DB 579 TTCTCTGCTGCTTTGCAACAATTCACAGAGCTCTGCGAGAGAGAGAGAGAGAGAGAGAG 638
QY 142 GlyTyrSerSerIleProThrPheArgAlaValIleGlnIleGlyProAspGlnAspLeuAsp 161
DB 639 GAGTACAGC-----AGAGCTGTGAGAGATTTGAGAGAGAGAGAGAGAGAGAGAGAG 683
QY 162 ValValGlnIleThrGlnAsnSerGlnIleLeuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAGAGAAACAG 743
QY 182 LeuSerGlnIleValIleSerLeuHisCysValIleAlaCysGlnIleValIleThrPro 201
DB 744 CTCTGAGGCTCTCTGCT 803
QY 202 ArgValIleGlnIleGlnIleValIleSerValIleAspSerTrpTrpGlnValIleSerIleGln 221
DB 804 CGTGTGGTGGGAG 863
QY 222 TyrAspIleGlnIleValIleCysGlnIleSerIleLeuAspProHisTrpValIleThrAla 241
DB 864 TACGACAAACAG 923
QY 242 AlaHisCysPheArgIleValIleThrAspValIlePheAsnTrpValIleArgAlaGlnSerAsp 261
DB 924 GCCCATCTGCTTCAAGAAACATACCGATGTGTTCATCTGCAAGAGTGTGGGAGAGAGCTCAGAC 983
QY 262 LysIleGlnIleSerPheProSerLeuAlaValIleValIleIleIleIleIleIleIleIle 281
DB 984 AAACAGGAGAGCTTCCATCTCTGCTGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1043
QY 282 MetTyrProIleAspAsnAspIleAlaLeuMetIleValIleGlnIlePheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAG 1103
QY 302 GlyThrValIleArgProIleCysLeuProPhePheAspGlnIleLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGGAG 1163
QY 322 LeuTrpIleIleGlnIleThrIlePheThrIleGlnIleAspGlnIleValIleValIleValIle 341
DB 1164 CTCTGATCATTTGATGAG 1223
QY 342 LeuGlnIleSerValIleValIleIleAspSerThrArgCysAsnAlaAspAspAlaIleArgIle 361
DB 1224 CTGCAAGGCTCAAGTCAATGTGACAGACAGAGTGCAGATTCAGACAGATGTGTACAG 1283

QY 362 GlyIleValIleThrGlnIleMetMetCysAlaGlnIleProGlnIleGlnIleValIleAspThrCys 381
DB 1284 GCGGAGTCAACCGAAGAGATATGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1343
QY 382 GlnIleAspSerGlnIleProLeuMetTyrGlnIleSerAspGlnIleThrPheValIleGlnIle 401
DB 1344 CAGGATGACAGTGTGGGAG 1403
QY 402 ValSerTrpGlnIleValIleCysGlnIleGlnIleProSerThrProGlnIleValIleThrIleValSer 421
DB 1404 GTTAGCTGGGAG 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValIleTrpIleValIleGlnIleValIle 435
DB 1464 GCTTATCTCACTGATCTCAATGTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1505

RESULT 89
US-10-006-867-111
Sequence 111, Application US/10006867
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/006,867
CURRENT FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/063435
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/064215
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088740
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088811
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088825
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088863
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246

PRIOR FILING DATE: 1998-06-22		PRIOR APPLICATION NUMBER: 60/106030
PRIOR APPLICATION NUMBER: 60/090444		PRIOR FILING DATE: 1998-10-28
PRIOR FILING DATE: 1998-06-24		PRIOR APPLICATION NUMBER: 60/106464
PRIOR APPLICATION NUMBER: 60/090688		PRIOR FILING DATE: 1998-10-30
PRIOR FILING DATE: 1998-06-25		PRIOR APPLICATION NUMBER: 60/106856
PRIOR APPLICATION NUMBER: 60/090696		PRIOR FILING DATE: 1998-11-03
PRIOR FILING DATE: 1998-06-25		PRIOR APPLICATION NUMBER: 60/108807
PRIOR APPLICATION NUMBER: 60/090862		PRIOR FILING DATE: 1998-11-17
PRIOR FILING DATE: 1998-06-26		PRIOR APPLICATION NUMBER: 60/112419
PRIOR APPLICATION NUMBER: 60/091628		PRIOR FILING DATE: 1998-12-15
PRIOR FILING DATE: 1998-07-02		PRIOR APPLICATION NUMBER: 60/112422
PRIOR APPLICATION NUMBER: 60/096012		PRIOR FILING DATE: 1998-12-15
PRIOR FILING DATE: 1998-08-10		PRIOR APPLICATION NUMBER: 60/112853
PRIOR APPLICATION NUMBER: 60/096157		PRIOR FILING DATE: 1998-12-16
PRIOR FILING DATE: 1998-08-17		PRIOR APPLICATION NUMBER: 60/113011
PRIOR APPLICATION NUMBER: 60/096949		PRIOR FILING DATE: 1998-12-16
PRIOR FILING DATE: 1998-08-18		PRIOR APPLICATION NUMBER: 60/112854
PRIOR APPLICATION NUMBER: 60/096959		PRIOR FILING DATE: 1998-12-16
PRIOR FILING DATE: 1998-08-18		PRIOR APPLICATION NUMBER: 60/113300
PRIOR APPLICATION NUMBER: 60/097954		PRIOR FILING DATE: 1998-12-22
PRIOR FILING DATE: 1998-08-26		PRIOR APPLICATION NUMBER: 60/113408
PRIOR APPLICATION NUMBER: 60/097971		PRIOR FILING DATE: 1998-12-22
PRIOR FILING DATE: 1998-08-26		PRIOR APPLICATION NUMBER: 60/113430
PRIOR APPLICATION NUMBER: 60/097979		PRIOR FILING DATE: 1998-12-23
PRIOR FILING DATE: 1998-08-26		PRIOR APPLICATION NUMBER: 60/113621
PRIOR APPLICATION NUMBER: 60/098749		PRIOR FILING DATE: 1998-12-23
PRIOR FILING DATE: 1998-09-01		PRIOR APPLICATION NUMBER: 60/114423
PRIOR APPLICATION NUMBER: 60/099741		PRIOR FILING DATE: 1998-12-30
PRIOR FILING DATE: 1998-09-10		PRIOR APPLICATION NUMBER: 60/115614
PRIOR APPLICATION NUMBER: 60/099763		PRIOR FILING DATE: 1999-01-12
PRIOR FILING DATE: 1998-09-10		PRIOR APPLICATION NUMBER: 60/116527
PRIOR APPLICATION NUMBER: 60/099792		PRIOR FILING DATE: 1999-01-20
PRIOR FILING DATE: 1998-09-10		PRIOR APPLICATION NUMBER: 60/116843
PRIOR APPLICATION NUMBER: 60/099812		PRIOR FILING DATE: 1999-01-22
PRIOR FILING DATE: 1998-09-10		PRIOR APPLICATION NUMBER: 60/119285
PRIOR APPLICATION NUMBER: 60/099815		PRIOR FILING DATE: 1999-02-09
PRIOR FILING DATE: 1998-09-10		PRIOR APPLICATION NUMBER: 60/119287
PRIOR APPLICATION NUMBER: 60/100627		PRIOR FILING DATE: 1999-02-09
PRIOR FILING DATE: 1998-09-16		PRIOR APPLICATION NUMBER: 60/119525
PRIOR APPLICATION NUMBER: 60/100662		PRIOR FILING DATE: 1999-02-10
PRIOR FILING DATE: 1998-09-16		PRIOR APPLICATION NUMBER: 60/119549
PRIOR APPLICATION NUMBER: 60/100683		PRIOR FILING DATE: 1999-02-10
PRIOR FILING DATE: 1998-09-17		PRIOR APPLICATION NUMBER: 60/120014
PRIOR APPLICATION NUMBER: 60/100684		PRIOR FILING DATE: 1999-02-11
PRIOR FILING DATE: 1998-09-17		PRIOR APPLICATION NUMBER: 60/129122
PRIOR APPLICATION NUMBER: 60/100930		PRIOR FILING DATE: 1999-04-13
PRIOR FILING DATE: 1998-09-17		PRIOR APPLICATION NUMBER: 60/129674
PRIOR APPLICATION NUMBER: 60/101279		PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1998-09-22		PRIOR APPLICATION NUMBER: 60/131291
PRIOR APPLICATION NUMBER: 60/101475		PRIOR FILING DATE: 1999-04-27
PRIOR FILING DATE: 1998-09-23		PRIOR APPLICATION NUMBER: 60/138387
PRIOR APPLICATION NUMBER: 60/101738		PRIOR FILING DATE: 1999-06-09
PRIOR FILING DATE: 1998-09-24		PRIOR APPLICATION NUMBER: 60/144791
PRIOR APPLICATION NUMBER: 60/101743		PRIOR FILING DATE: 1999-07-20
PRIOR FILING DATE: 1998-09-24		PRIOR APPLICATION NUMBER: 60/169495
PRIOR APPLICATION NUMBER: 60/101916		PRIOR FILING DATE: 1999-12-07
PRIOR FILING DATE: 1998-09-24		PRIOR APPLICATION NUMBER: 60/175481
PRIOR APPLICATION NUMBER: 60/102570		PRIOR FILING DATE: 2000-01-11
PRIOR FILING DATE: 1998-09-30		PRIOR APPLICATION NUMBER: 60/191007
PRIOR APPLICATION NUMBER: 60/103449		PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 1998-10-06		PRIOR APPLICATION NUMBER: 60/199397
PRIOR APPLICATION NUMBER: 60/103678		PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 1998-10-08		PRIOR APPLICATION NUMBER: 09/380139
PRIOR APPLICATION NUMBER: 60/103679		PRIOR FILING DATE: 1998-08-25
PRIOR FILING DATE: 1998-10-08		PRIOR APPLICATION NUMBER: 09/311832
PRIOR APPLICATION NUMBER: 60/103771		PRIOR FILING DATE: 1999-05-14
PRIOR FILING DATE: 1998-10-08		PRIOR APPLICATION NUMBER: 09/380137
PRIOR APPLICATION NUMBER: 60/105000		PRIOR FILING DATE: 1999-08-25
PRIOR FILING DATE: 1998-10-20		PRIOR APPLICATION NUMBER: 09/380138
PRIOR APPLICATION NUMBER: 60/105002		PRIOR FILING DATE: 1999-08-25
PRIOR FILING DATE: 1998-10-20		PRIOR APPLICATION NUMBER: 09/380142
PRIOR APPLICATION NUMBER: 60/105881		PRIOR FILING DATE: 1999-08-25

Alignment Scores:

Pred. No.:	0	Length:	2063
Score:	2297.50	Matches:	429
Percent Similarity:	98.85%	Conservative:	0
Best Local Similarity:	98.85%	Mismatches:	0
Query Match:	98.10%	Indels:	5
	40	Gaps:	1

US-10-803-530-2 (1-435) x US-10-006-867-111 (1-2063)

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QY 2 AspProaSerAspGlnProleuAnSerLeuAspValLysProleuArgLysProArg 21
DB 219 GATCTGACAGTGAACCTTCTGAACAGCCCTGATGCAACCCCTGGGCAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACATCTGAGCCCTG 338
QY 42 AlAserIleIleIleValValValLeuIleLysValIleLeuAspLysTyrThrPheLeu 61
DB 339 GCGAGTATCATATGTTGTTGTTCTCATCAAGATGATTCGATTAATTAATTAATTAAT 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TGGGGGAGCCCTCTCACTTATCCGAGGAAGAGCTGTGTGAGGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValAlaGluSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTTGTGCTGTTTGAACAATTCACAGAGAGCTTCGCTGAGAGAGAGAGAGAGAGAG 638
QY 142 GlyTyrSerSerLysProThrPheArgLysValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGAGATGGCCCAAGAGAGAGAGAGAGAGAGAGAG 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuAspArgAsnSerSerLysProCys 181
DB 684 GTTGTGTAATCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAAGGCTCCCTGCTCTCTCTGACATCTTCTTGGAGAGAGAGAGAGAGAGAGAG 803
QY 202 ArgValValGlyGlyGluGluLysSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGTGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACGACAAACAGACATCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgLysSerAsp 261
DB 924 GCCCATGCTTTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
DB 984 AAACAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
DB 1104 GGCAGAGTACAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1163

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QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGAGATCATTTGAGTGGGCTTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAAGGCGTCAAGTCCAGAGTATTCAGACAGACAGCTGTCAATGACAGAGAGAGAGAG 1283
QY 362 GlyGluValThrGluLysMetCysValGlyIleProGluGlyValAspThrCys 381
DB 1284 GGGAGAGTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGTCAGATGTGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1404 GTTAGCTGGGCTATGCTGCTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
DB 1464 GCTATCTCAACAGTGAATCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1505

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RESULT 90

US-10-007-194A-274

/ Sequence 274, Application US/10007194A

/ GENERAL INFORMATION:

/ APPLICANT: Baker, Kevin P.

/ APPLICANT: Botstein, David

/ APPLICANT: Desnoyers, Luc

/ APPLICANT: Eaton, Dan L.

/ APPLICANT: Ferrara, Napoleone

/ APPLICANT: Fong, Sherman

/ APPLICANT: Gao, Wei-Qiang

/ APPLICANT: Goddard, Audrey

/ APPLICANT: Godowski, Paul J.

/ APPLICANT: Grimaldi, Christopher J.

/ APPLICANT: Gurney, Austin L.

/ APPLICANT: Hillan, Kenneth J.

/ APPLICANT: Pan, James

/ APPLICANT: Paoni, Nicholas F.

/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

/ TITLE OF INVENTION: Acids Encoding the Same

/ FILE REFERENCE: P2830P1C6

/ CURRENT APPLICATION NUMBER: US/10/007,194A

/ CURRENT FILING DATE: 2002-06-25

/ PRIOR APPLICATION NUMBER: 60/098716

/ PRIOR FILING DATE: 1998-09-01

/ PRIOR APPLICATION NUMBER: 60/098723

/ PRIOR FILING DATE: 1998-09-01

/ PRIOR APPLICATION NUMBER: 60/098749

/ PRIOR FILING DATE: 1998-09-01

/ PRIOR APPLICATION NUMBER: 60/098750

/ PRIOR FILING DATE: 1998-09-01

/ PRIOR APPLICATION NUMBER: 60/098803

/ PRIOR FILING DATE: 1998-09-02

/ PRIOR APPLICATION NUMBER: 60/098821

/ PRIOR FILING DATE: 1998-09-02

/ PRIOR APPLICATION NUMBER: 60/098843

/ PRIOR FILING DATE: 1998-09-02

/ PRIOR APPLICATION NUMBER: 60/099536

/ PRIOR FILING DATE: 1998-09-09

/ PRIOR APPLICATION NUMBER: 60/099596

/ PRIOR FILING DATE: 1998-09-09

/ PRIOR APPLICATION NUMBER: 60/099598

/ PRIOR FILING DATE: 1998-09-09

/ PRIOR APPLICATION NUMBER: 60/099602

/ PRIOR FILING DATE: 1998-09-09

/ PRIOR APPLICATION NUMBER: 60/099642

/ PRIOR FILING DATE: 1998-09-09

/ PRIOR APPLICATION NUMBER: 60/099741

[illegible]

PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105881
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105882
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106023
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-007-194A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgIleProArg 21
 Db 219 GATCTGACAGTGTATCAACCTCTGAAAGAGCTTCGATGCAACCCCTGCGAAACCCCTG 278
 QY 22 ILleProMetGluThrPheArgIleValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGAGCTTCAGAAAGGTGGGATCCCATCATCATGCACTACTAGAGCTG 338
 QY 42 AlaSerIleIleIleValIleValIleuIleuValIleLeuAspIleTyIlePheLeu 61
 Db 339 GCGAGTATCATCATGTGTGTCTCTCATCAAGGTGATTCGATGAAATACTACTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgIleGlnLeuCysAspGlyGluLeuAspCys 81
 Db 399 TGCGGGCAGCTCTCCACTTCATCCGAGAGAGCTGTGACGAGAGCTGACCTGT 458
 QY 82 ProLeuGlyGluAspGluGlnHisCysValIleSerPheProGluGlyProAlaValAla 101
 Db 459 CCTTGGGGAGAGAGAGAGAGAGCTGTGTCAAGAGCTTCCCGAAGGGCTGCACTGCA 518
 QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCTCTCCAAAGAGAGAGAGAGAGCTGTGTGAGAGAGCTGCGGCAAGAGAGAG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCTGTGCTGTTTGCAGAACTTCACAGAAAGCTCTGCGAGAGAGAGCTGTGAGAG 638
 QY 142 GlyTyrSerSerIleProThrPheArgIleValGluIleGlyProAspGluAspLeuAsp 161
 Db 639 GCGTACAGC-----AGAGCTGTGAGAGATTGGCCAGAGAGAGAGAGAGTCTGAGT 683
 QY 162 ValValGluIleThrGluAsnSerGlnIleuAspMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGAAATCAGAGAAACAGAGAGAGAGCTTCCGATCCGAGAGAGAGAGAGAGAG 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIleSerLeuIlePro 201
 Db 744 CTCTCAGAGCTCCCTGCTCTCCCTGCACTGTCTGCTGCGAGAGAGAGCTGAGAGAG 803
 QY 202 ArgValIleGlyGluGlnIleuAspSerValAspSerTrpProGlnIleValSerIleGln 221
 Db 804 CGTGTGTGTGTGGGAGAGAGAGCTTGTGAGATCTTGGCTTGGAGAGAGAGAGAGAG 863
 QY 222 TyrAspIleGlnIleValCysGlyIleSerIleLeuAspProHisTrpValIleuThrAla 241
 Db 864 TACGACAAACAG 923
 QY 242 AlaHisCysPheArgIleHisThrAspValPheAsnTrpIleValArgAlaGlySerAsp 261
 Db 924 GCCCACTGCTCAGAGAAACATACCGATGTCTCAACGTGAGAGAGAGAGAGAGAGAG 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAsnPro 281

Db 984 AAACGTGGAGAGCTTCCATCCCTGGCTGGCCAAAGATCATCATGTAATTCAACCCC 1043
 QY 282 MetTyrProIleAspAsnAspIleAlaLeuMetIleLeuGlnIlePheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGAGAGAGATGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluIleuLeuThrProAlaThrPro 321
 Db 1104 GGCACATGAG 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIleGlnIleuAsnGlyIleuMetSerAspIleLeu 341
 Db 1164 CTCTGATCATGATGATGAG 1223
 QY 342 LeuGlnIleAspValGlnIleValIleAspSerThrArgCysAsnAlaAspAspAlaTyIle 361
 Db 1224 CTGAG 1283
 QY 362 GlyIleValThrGluIleuMetCysAlaGlyIleProGluGlyIleValAspThrCys 381
 Db 1284 GGGAG 1343
 QY 382 GlnGlyAspSerGlyIleProLeuMetIleGlnSerAspGlnIlePheValIleGlyIle 401
 Db 1344 CAGGATGACAGTGTGGGAG 1403
 QY 402 ValSerTrpGlyTyrGlyIleCysGlyIleProSerThrProGlyValIleThrIleValSer 421
 Db 1404 GTTACCTGGAG 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIleValIleuLeu 435
 Db 1464 GCGTATCTCACTGATTCATGATTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1505

RESULT 91

US-10-007-236A-274
 Sequence 274, Application US/10007236A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Geo, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoli, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830P1C12
 CURRENT APPLICATION NUMBER: US/10/007,236A
 PRIOR FILING DATE: 2002-06-25
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 274
 LENGTH: 2063
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-007-236A-274

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) X US-10-007-236A-274 (1-2063)

QY 2 AAPPProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgProArg 21
Db 219 GATCCCTGAGAGATCAACCTCTGAAACAGCTCGATGTCGAAACCCCTCGGAAACCCCTG 278
QY 22 ILeProMetGluThrPheArgLysValIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCAATGAGAGACCTTCAGAAAGGTGGGAGATCCCATCATCATAGACCTAGAGCTG 338
QY 42 AlaSerIleIleIleValValIleuIleuIleuValIleuAspLysTyrTyrPheLeu 61
Db 339 GCGAATATCATCATGTTGTTGTTCTCATCAAGGATTCCTGATTAATCTACTTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGGGGAGCCTCTTCACCTTCATCCCGAGAAAGCAGTGTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyIleuAspGluGluHisCysValIysSerPheProGluGluProAlaValAla 101
Db 459 CCTTGGGGGAGAGACGAGAGACCTGTGTCAAGAGCTTCCCGAAGGCTCTGACGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTyr 121
Db 519 GTCCGCTCTTCAGAGACCATTCACACCTGAGGCTGTGCTGAGACAGCCTGTAGGACAGT 578
QY 122 PheSerAlaCysPheAspAspPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTCAGACATTCACAGAGCTCTGCTGAGACAGCCTGTAGGACAGT 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGGTACAGC-----AGAGCTGTGAGATTCGCCACAGCATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerGlyProCys 181
Db 684 GTTGTGAATATCAAGAAACAGCCAGAGCTTCGATCGGAATCTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCTCTGCTCTCCCTGCACTGTCTTGGAGAGGCTGAAAGCTGAAAGCCCC 803
QY 202 ArgValValGlyGlyGluGlnIleAspSerValAspSerTyrProTyrGlnValSerIleGln 221
Db 804 CGTGTGTGTGGTGGGAGAGAGCTCTGTGATCTTGGCCTTGGCAGTCAAGATTCAG 863
QY 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTyrValIleuThrAla 241
Db 864 TACGACAAACAGACAGTGTGAGAGGAGCATCTGACCCCACTGGGCTCTCAACGCA 923
QY 242 AlaHisCysPheArgLysHisPheThrAspValPheAsnTyrLysValArgAlaGlySerAsp 261
Db 924 GCCCATCTCTTCAGAAACATACCGATGTGTTCACTGGAAGTGGCGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAspPro 281
Db 984 AAACGTGGCAGACTTCCCATCTCGCTGTGGCCAAAGATCATCATTAATTAACCCC 1043
QY 282 MetTyrProLysAspAspAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTAACCCCAAGACAAATGACATGCGCTCATGAAAGCTGACAGTCCACATCTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCAAGTCAAGGCCCATCTGTCTCCCTCTTTGATAGAGAGCTCACTCAGCACCCCA 1163
QY 322 LeuThrIleIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGGATCATGTGATGGGCTTTACGAAACAGATGAGAGGATGCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGCGTCAATCCAGTCAATTCAGACAGCAGGTGCAATGCAAGATGCTGACAG 1283

QY 362 GlyGlnValThrGluLysMetMetCysAlaGlyIleProGluGluGlyValAspThrCys 381
Db 1284 GGGGAAGTACCGAGAAAGATGATGTGCAAGCATCCCGAAGGGGCTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValIleGlyIle 401
Db 1344 CAGGTGACAGTGTGGGCTCTGATGTAACCAATCTGACAGTGGCATGTGTGGGCATC 1403
QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrValSer 421
Db 1404 GTTACGTGGGCTATGCTGCGGGGCCCGAGACCCAGAGATTAACCAAGGCTCA 1463
QY 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLysAlaGluLeu 435
Db 1464 GCTATCTCAACTGATCTACAAATGTCTGAAAGCTGAGCTG 1505
RESULT 92
US-10-011-671A-274
Sequence 274, Application US/10011671A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Boesstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Batton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gunney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2830PIC27
CURRENT APPLICATION NUMBER: US/10/011,671A
PRIOR FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099808

PRIOR APPLICATION NUMBER:	60/102240
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102307
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102330
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102331
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102484
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102487
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102570
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102571
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102684
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102687
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102965
PRIOR FILING DATE:	1998-10-02
PRIOR APPLICATION NUMBER:	60/103258
PRIOR FILING DATE:	1998-10-06
PRIOR APPLICATION NUMBER:	60/103314
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103315
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103328
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103395
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103396
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103401
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103449
PRIOR FILING DATE:	1998-10-06
PRIOR APPLICATION NUMBER:	60/103633
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103678
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103679
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103711
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/104257
PRIOR FILING DATE:	1998-10-14
PRIOR APPLICATION NUMBER:	60/104987
PRIOR FILING DATE:	1998-10-20
PRIOR APPLICATION NUMBER:	60/105000
PRIOR FILING DATE:	1998-10-20
PRIOR APPLICATION NUMBER:	60/105002
PRIOR FILING DATE:	1998-10-20
PRIOR APPLICATION NUMBER:	60/105144
PRIOR FILING DATE:	1998-10-21
PRIOR APPLICATION NUMBER:	60/105169
PRIOR FILING DATE:	1998-10-22
PRIOR APPLICATION NUMBER:	60/105266
PRIOR FILING DATE:	1998-10-22
PRIOR APPLICATION NUMBER:	60/105633
PRIOR FILING DATE:	1998-10-26
PRIOR APPLICATION NUMBER:	60/105694
PRIOR FILING DATE:	1998-10-26
PRIOR APPLICATION NUMBER:	60/105807
PRIOR FILING DATE:	1998-10-27
PRIOR APPLICATION NUMBER:	60/105881
PRIOR FILING DATE:	1998-10-27
PRIOR APPLICATION NUMBER:	60/105882
PRIOR FILING DATE:	1998-10-27
PRIOR APPLICATION NUMBER:	60/106023
PRIOR FILING DATE:	1998-10-28
PRIOR APPLICATION NUMBER:	60/106029

Alignment Scores:

Pred. No.:	0	length:	2065
Score:	2297.50	Matches:	429
Percent Similarity:	98.85%	Conservative:	0
Best Local Similarity:	98.85%	Mismatches:	0
Query Match:	98.10%	Indels:	5
DB:	40	Gaps:	1

US-10-803-530-2 (1-435) X US-10-011-671A-274 (1-2063)

QY	2	AspProAspSerAspArgInProLeuAsnSerLeuAspValIleProLeuArgIysProArg	21
Db	219	GATCTCGACATGATCAACTCTCGAAGAGCTCGATGAAACCCCTGGGCAAAACCCCGT	276
QY	22	IleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerLeu	41
Db	279	ATCCCCAATGAGAGACCTTCAGAAAGTGGGAGTCCCATCATCATAGACACTAGAGCCGTG	338
QY	42	AlaSerIleIleIleValValIleValIleIleValIleLeuAspIleTyrTyrPheLeu	61
Db	339	GCGAGTATCATCATTTGGTGGTTGTCCTCATCAAGGTATTCGTGATTAATTAACACTTCCTC	398
QY	62	CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGlyIleLeuAspCys	81
Db	399	TGCGGGAGAGCTCTCCACTCATCCCGAGAGACACTGTGTGAGCGAGAGACTGACTGT	458
QY	82	ProIleuGlyGluAspGlyGlnHisCysValIysSerPheProGlyGlyProAlaValAla	101
Db	459	CCCTTGGGGGAGAGCGAGGAGCACTGTGTCAAGAGCTTCCTCCGAAAGGGCCCTGAGTGGCA	518
QY	102	ValArgLeuSerIysAspArgSerThrLeuGlnValIleLeuAspSerAlaThrGlyAsnTyr	121
Db	519	GTCGGCTCTTCCAAAGACCATTCACACTGCAAGTGTCTGACTCGGACCAAGGGAACTGG	578
QY	122	PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet	141
Db	579	TTCCTCTCCGTTTCCGCAACATTCACAGAAAGCTCTCGTGAGACAGCCTGTAGGCATAG	638
QY	142	GlyTyrSerSerIysProThrPheArgAlaValAlaGluIleGlyProAspGlnAspLeuAsp	161
Db	639	GGCTACACG-----AAGGTGTGGAGATTGGCCCAAGCAAGATCTGGAT	683
QY	162	ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys	181
Db	684	GTTCTTGAAATTCACAGAAACAGCCAGAGCTTCCCATGCCAACTCAAGTGGGCCCCGT	743
QY	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThrPro	201
Db	744	CTCTCAGGCTCCCTGTGCTCTCCCTGCACGTCTTCTGCTGTGGAGAGACCTGAAAGACCCC	803
QY	202	ArgValValGlyGlyGluGlnAlaSerValAspSerTyrProTyrGlnValSerIleGln	221
Db	804	CGTGTGTGGTGGGAGAGAGGCTCTGTGGATTCCTTGGCCTTGGAGGTCACACATCCAG	863
QY	222	TyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTyrPValIleuThrAla	241
Db	864	TACGACAAACAGCAGCTGTGTGAGAGGACATCCGAGCCCCCACTGGTCTTCAGGCA	923
QY	242	AlaHisCysPheArgGlyHisIleThrAspValPheAsnTyrIysValArgAlaGlySerAsp	261
Db	924	GCCCACTGGCTTCAGAAACATCCCATGTGTTCACATCGAAAGGTGCGGGAGGCTCAGAC	983
QY	262	IysLeuGlySerPheProSerLeuAlaAlaIysIleIleIleIleGluPheAsnPro	281
Db	984	AAACTGGGAGCTTCCCATCCCTGGCTGTGGCCAAATCATCATCATGATTAATTAACCCCC	1043
QY	282	MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer	301
Db	1044	ATGTACCCCAAGACATGACATGCCTCATGGAAGCTGACGTTCCACATCACTTTCTCA	1104
QY	302	GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro	321

QY	DB	1104	GGCAGCAGTGGGCCCATCTGTCTGCGCCCTCTTGTANTGAGGAGCTCACTCCAGCCACCCCA	1163
QY		322	LeuTTPILIEIIGLYTTPGLYTherThrLysGlnAsnGlyGlyValMetSerAspIleLeu	341
DB		1164	CTCTGGATCATTTGGATGGGGCTTTTACGAAGCAGAAATGAGGGAGAGATCTTGACATTA	1223
QY		342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThrGln	361
DB		1224	CTGCAGGCGCTCACTCCAGTCACTTATACACGACACCGCTCAATCCAGACGATGCGTACAG	1283
QY		362	GlyGlnValThrGlnLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys	381
DB		1284	GGGGAAGTCACCGAGAAAGATGATGTGTCAAGGCATCCGGAAGGGGGGTGTGACACCTGC	1343
QY		382	GlnGlyAspSerGlyGlyProLeuMetThrGlnSerAspGlnTTPHLeuValGlyIle	401
DB		1344	CAGGTGACAGTGGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGTGTGGGATC	1403
QY		402	ValSerTPGLYTYGlyCysGlyGlyProSerThrProGlyValTYrThrLysValSer	421
DB		1404	GTTACGTGGGGCTATGGCTGGGGGGGCCCGACGACCCAGAGATATACACCAAGTCTCA	1463
QY		422	AlaTYrLeuAsnTTPILIETYrAsnValTTPylsAlaGluLeu	435
DB		1464	GCTTATCTCACTGGATCTCAAAATGTCTGGAAGGCTGAGCTG	1505
RESULT 93				
US-10-011-692A-274				
; Sequence 274, Application US/10011692A				
; GENERAL INFORMATION:				
; APPLICANT: Baker, Kevin P.				
; APPLICANT: Botstein, David				
; APPLICANT: Desnoyers, Luc				
; APPLICANT: Eaton, Dan I.				
; APPLICANT: Ferrara, Napoleon				
; APPLICANT: Fong, Sherman				
; APPLICANT: Gao, Wei-Qiang				
; APPLICANT: Goddard, Audrey				
; APPLICANT: Godowski, Paul J.				
; APPLICANT: Grimaldi, Christopher J.				
; APPLICANT: Gurney, Austin L.				
; APPLICANT: Hillan, Kenneth J.				
; APPLICANT: Pan, James				
; APPLICANT: Paoni, Nicholas F.				
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic				
; TITLE OF INVENTION: Acids Encoding the Same				
; FILE REFERENCE: P2830P1C30				
; CURRENT APPLICATION NUMBER: US/10/011,692A				
; CURRENT FILING DATE: 2001-12-07				
; Prior application removed - See file Wrapper or Palm				
; NUMBER OF SEQ ID NOS: 477				
; SEQ ID NO 274				
; LENGTH: 2063				
; TYPE: DNA				
; ORGANISM: Homo sapiens				
US-10-011-692A-274				
Alignment Scores:				
Pred. No.: 0				
Score: 2297.50				
Percent Similarity: 98.85%				
Best Local Similarity: 98.85%				
Query Match: 98.10%				
DB: 40				
Gaps: 1				
US-10-803-530-2 (1-435) x US-10-011-692A-274 (1-2063)				
QY		2	AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg	21
DB		219	GATCTCGACAGTATCAACCTCTGAAACAGCTCGATGTCAAAACCCCTGCGCAAAACCCCGT	278
QY		22	ILProMetGlnThrPheArgLysValGlyIleProIleIleAlaLeuMetSerIleu	41

Db 279 ATCCCATGAGACCTTCAGAAAGTGGGGATCCCATCATCATATGACACTAGACCTG 338
 QY 42 AAlaserllelellevalvalleullellevallelleuaplysttYrrPheleu 61
 Db 339 GCGAGATCATCATTTGGTGTCTCTCATCAAGGATTCGTGAATAATCTACTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGlnLeuaspCys 81
 Db 399 TGGCGGCGACCTCTTCACCTTCATCCGAGAGAGAGCTGTGTGACGAGAGCTGACCTGT 458
 QY 82 ProLeuGlyGlnAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla 101
 Db 459 CCTTTGGGGAGAGAGAGAGACCTGTCTCAAGAGCTTCCCGAAGGGCTCGAGTGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCGCTCTCAAGAGACCGATCCACATCGAGGTGCTGAGCTCGGCAAGGGAACTGCG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 Db 579 TTCTGTCTGTCTTGTGACAACTTCACAGAAAGCTCTGCTGAGAGAGCTGTAGGCGAGATG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGCTACAGC-----AGAGCTGTGAGATTTGGCCCAAGACAGATCTGGAT 683
 QY 162 ValValGlnIleThrGlnAsnSerGlnLeuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGAATATCAGAAAGAGAGAGAGAGCTTCGATCCGAGAGCTCAAGTGGGCGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAAGGCTCCCTGGTCTCTCCCTGCACTGTCTTGTCTGTGGGAGAGAGCTGAAAGCCCC 803
 QY 202 ArgValValGlyGlyGlnValAspSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGTGGTGGGGAGAGAGAGCTCTGTGTGATTTCTGGCCCTTGGCAGGTCCAGTCCAG 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
 Db 864 TACGACAAACAGACAGTCTGTGAGAGAGAGATCTCGAACCCCACTGGGTCTCTCAAGGCA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpValArgAlaLysSerAsp 261
 Db 924 GCCCACTGTCTTCAAGAAACATACATCGATGTGTTCATCTGGAAGGTCCGGGAGAGCTCAAG 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGlnPheAsnPro 281
 Db 984 AATCTGGGAGCTTCCCATCTCTGGCTGTGGCCAGATCATCATCTGAATTCAACCCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGAGACATGATCCGCCCTCATGAGAGCTGACAGTCCCACTCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAAGGCCCATCTGTCTGCCCTTCTTGTGAGAGAGCTCACTCAACCCCA 1163
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysSerAspIleLeu 341
 Db 1164 CTCTGATCATTTGATGGGGCTTTTACAGAGAGAGAGAGAGATGTCTGACATACG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGAGAGGCTCAGTCCAGGCTCATTTGACAGACACCGGTGACATGACAGATCGTACAG 1283
 QY 362 GlyGlnValThrGlnLysMetMetCysAlaGlyIleProGlnGlyGlyValAlaAspThrCys 381
 Db 1284 GGGGAGAGTCAAGAGAGAGATGTGTGAGAGAGATCCGAGAGGGGGTGTGACACTTCG 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
 Db 1344 CAGGGTGAAGTGTGGGCCCTCTGATGTACATCTGACCAAGTGCATGTGTGGGCAATC 1403

QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 Db 1404 GTTAGCTGGGGCTATGGCTGTGGGGGGCCCGAGACCCAGAGATATACCAAGGTCTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGlnLeu 435
 Db 1464 GCTATCTCACTGATCATCTAATGTCTGAAAGCTGAGCTG 1505
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 US-10-011-795A-274
 ; Sequence 274, Application US/10011795A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Deemeyer, Luc
 ; APPLICANT: Baton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2830P1C25
 ; CURRENT APPLICATION NUMBER: US/10/011,795A
 ; PRIOR APPLICATION removed - See file wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-011-795A-274
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-011-795A-274 (1-2063)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 Db 219 GATCTGTGACAGATCAACCTCTGAACAGCTCGATGTCAAACTCCCTGGCAAACTCCGT 278
 QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGTGGGGATCCCATCATCATATGACACTAGACCTG 338
 QY 42 AAlaserllelellevalvalleullellevallelleuaplysttYrrPheleu 61
 Db 339 GCGAGATCATCATTTGGTGTCTCTCATCAAGGATTCGTGAATAATCTACTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGlnLeuaspCys 81
 Db 399 TGGCGGCGACCTCTTCACCTTCATCCGAGAGAGAGCTGTGTGACGAGAGCTGACCTGT 458
 QY 82 ProLeuGlyGlnAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla 101
 Db 459 CCTTTGGGGAGAGAGAGAGACCTGTCTCAAGAGCTTCCCGAAGGGCTCGAGTGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCGCTCTCAAGAGACCGATCCACATCGAGGTGCTGAGCTCGGCAAGGGAACTGCG 578

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QY 122 PheSerAlaCysPheAspAsnPhenThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTCTGTTTGAACAACCTCAACAGAGCTCTGCTGAGACAGCTGTAGGCAATG 638
QY 142 GLYTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACACAGC-----AGAGCTGTGAGAGTTGGCCCAAGACCAGAGATCTGGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATCAACAGAAACAGCAGAGAGCTTCGATGCGGAACTCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCCGTCTCCCTCCCTCACTGTCTGTGAGAGAGCTTCGAGAGAGCTGAAAGACCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGGAGAGAGCTCTGTGATTTCTGGCTTGGCAGGTCAAGCATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValIleThrAla 241
Db 864 TAGGACAAACAGACAGCTCTGTGAGAGAGAGATCTGAGACCCCACTGGGTCTCTCAAGGCA 923
QY 242 AlaHisCysPheAspArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAGAAACATACCGAGTGTCTCACTGGAAGGTGGGGCAGGCTCAAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 984 AACTGGGAGAGCTTCCATCTCCCTGCTGTGGCCCAAGATCATCATGAAATTCAAACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 AGTGAACCCAAAGACATGATCATCGCCCTCATGAGCTGCAATTCCTCACTCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGACAGTAGAGCCCATCTGTCTGCCCTTCTGTGATGAGAGATCATCTCCAGCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
Db 1164 CTCTGGATCATTTGATGGGGCTTTACAGAGCAGAAAGAGAGAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGACGGGTGTCAGTCAAGTCAATGACAGACACGGTGCATGACAGAGATGCTTACAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAGAGTCAACGAGAGATGATGTGTGACAGCATCCCGGAGGGGTGTGTGACACTGTC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyTle 401
Db 1344 CAGAGTGAAGTGTGGGGCCCTCATGTACCAATCAACAGTGTGGAGTGGGGATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTAGCTGGGGCTGTAGCTGTGGGGGCCGAGCACCAGAGATATCAACAGAGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysValIleLeu 435
Db 1464 GCTATCTCAACTGATCTACATGTCTGTGAGAGCTGAGCTG 1505

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RESULT 95
US-10-011-795B-274

Sequence 274, Application US/10011795B
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.

```

APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C25
CURRENT APPLICATION NUMBER: US/10/011,795B
CURRENT FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION data removed - See file Wrapper or PALM.
SRO ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-011-795B-274

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Alignment Scores:

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Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

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US-10-803-530-2 (1-435) x US-10-011-795B-274 (1-2063)

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QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
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QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACACTGAGACCTG 338
QY 42 AlaSerIleIleIleValValValIleValValIleValValIleValValIleValValIle 61
Db 339 GCGAGTATCATCTGTTGTGTGTCTTATCAAGTATCTGTGATTAATAACTACTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGCAGGAGAGCTCTCCACTTCATCCGAGAGACACTGTGTGTGACGAGAGCTGAGACTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTGGGGAGAGACGAGAGAGCTGTGTCAAGAGCTTCCCGAAGGGCTCTCAAGTGGCA 518

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QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTTCAGAGACCGATTCACACTGCGAGTGTGACTCGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCCTGCTCTTTCGACACTTCACAGAGCTCGCTGAGACAGCTGTAGGAGCATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGGAGATTGGCCAGACCATCTGGAT 683
QY 162 ValValGluIleThrGlnAsnSerGlnGluLeuAspMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATACAGAAAACAGCCAGAGCTTCGCAATGCGGAACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTGCTGTGGAAAGAGCTGAAGACCCCC 803
QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
DB 804 CCGTGGTGGGTGGGAGAGAGGCTCTGTGATCTTGAGCTTGAGCTTGAGCTGAGCTCAG 863
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DB 864 TACGCAAAACAGCAGCTGTGTGAGAGAGCATCTGAGACCCCACTGGGTCTTCAAGGCA 923
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DB 924 GCCCACTGCTTCAGAAACATCCCATGTGTTCACCTGAGAGTCCGGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGlnPheAsnPro 281
DB 984 AAACGGGAGAGCTTCCATCCCTGGCTGTGGCCAGATCATCATCATTAATTCACACCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGAAATGACATCCCTCATGAAAGCTGCAATGCCACTCATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
DB 1104 GGCAAGTCAAGGCCCATCTGTCTGCTCTTGTATGAGAGACTCACTCAAGCCCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGCTTTTACGAGCAGAAATGAGAGAGATGTCTGACATACTG 1223
QY 342 LeuGlnAlaSerValGlnValIleLeuAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAAGGCGTCAAGTCCAGTGTGACAGACACAGCGTGCATGACAGACGATCCGTA 1283
QY 362 GlyGlyValIleThrGlnLysMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
DB 1284 GGGGAGAGTACCGAAGAGATGATGTGTGAGAGATCCCGAAGGGGCTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGGTGAACAGTGTGGGCTCCGTGATGTACATCTGACCAAGGATGTGTGGGCTC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1404 GTTACCTGGGCTATAGCTGCGGGGCGCCGAGAGACCCGAGAGATTAACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValIleTyrLysAlaGluLeu 435
DB 1464 GCCTATCTCACTGATCTAATGTCTGGAAGCTGAAGCTG 1505

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RESULT 96
 US-10-012-101B-274
 ; Sequence 274, Application US/10012101B
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.

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; APPLICANT: Botstein, David
; APPLICANT: Desnuyers, Luc
; APPLICANT: Baton, Dan J.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C6
; CURRENT APPLICATION NUMBER: US/10/012.101B
; PRIORITY FILING DATE: 2001-12-06
; Prior application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-012-101B-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 5
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-012-101B-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCTGACAGTATCACTTCACTTGAACAGCTCTGATGTCAAAACCTCTGGCAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCATGAGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATCTGAGCCCTG 338
QY 42 AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrThrPheLeu 61
DB 339 GCGATATCATCATTTGTGTGTCTCTCATCAAGGTATCTGTGATTAATTAATTAATCTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TCGGGAGAGCTCTTCACTTCACTTCACTTCACTTCACTTCACTTCACTTCACTTCACTT 458
QY 82 ProLeuGlyGluAspGlnGluHisCysValLysSerPheProGlnGlyProAlaValAla 101
DB 459 CCGTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTTCAGAGACCGATTCACACTGCGAGTGTGACTCGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCCTGCTCTTTCGACACTTCACAGAGCTCGCTGAGACAGCTGTAGGAGCATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGGAGATTGGCCAGACCATCTGGAT 683
QY 162 ValValGluIleThrGlnAsnSerGlnGluLeuAspMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATACAGAAAACAGCCAGAGCTTCGCAATGCGGAACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201

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Db      744  CTTGAGGCTCCCTGCTCCTGACATGCTTGCTGGAGAGAGGCTCAAGACCCCC
QY      202  ArgValValGlyGlyGluGluAlaSerValAspSerTrpProGlnValSerIleGln
Db      804  CGTGGTGGTGGGAGAGAGGCTCTGATCTTGCTGGAGGTCAGATCAG
QY      222  TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleuThrAla
Db      864  TACGACAAACAGACGCTGTGGAGGAGCATCTCGACCCCACTGGGTCTTCACGGCA
QY      242  AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValAlaGlySerAsp
Db      924  GCCACAGCTCTCAGAGAAACATACCGATGTGTTCAACTGGAAGGTGGGAGGCTCAGAC
QY      262  LysLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleGluPheAsnPro
Db      984  AATCTGGGAGCTTCCATCTCTGCTGGCCAAAGTATCATTCATTCATTCATTCATTC
QY      282  MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer
Db      1044  ATGTAACCCCAAGACATGATGATGCTCTGATGATGATGATGATGATGATGATGATG
QY      302  GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro
Db      1104  GGCACATCAGGCGCCATCTGCTGCTCTTGTATGAGAGGCTCACTCAGGCAACCCCA
QY      322  LeuTrpIleIleGlyTrpGlyPheThrLysGlnHisArgIleGlyLysMetSerAspIleLeu
Db      1164  CTCTGATCTATTGATGGGCTTTACGAAAGCAAAAGGAGGAGGAGGAGGAGGAGGAGG
QY      342  LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThrGln
Db      1224  CTGCAAGCGCTCAGTCCAGGTCATTTGACAGACACGCTGCAATTCAGACATTCGATCAG
QY      362  GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAlaAspThrCys
Db      1284  GGGAGAGTACAGGAAAGATGATGTGTGACAGCATCCCGAAGGGGGGTGGACACTGC
QY      382  GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle
Db      1344  CAGGGTGACAGTGGTGGGCTCTGATGATGATGATGATGATGATGATGATGATGATG
QY      402  ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer
Db      1404  GTTACTGCTGGCTAATGCTGCGGGGCGGAGCAACCCAGAGATATACCAAGTCTCA
QY      422  AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu
Db      1464  GCTATCTCACTGATCTAATGTCGAAAGGCTGAGCTG

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; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-012-121A-274

Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1

US-10-803-530-2 (1-435) x US-10-012-121A-274 (1-2063)
QY      2  AspProAspSerAspGlnProLeuAsnSerIleuAspValLysProLeuArgLysProArg
Db      219  GATCTTACAGTATGATCACTCTGAACAGGCTGATGTCAAACTCTGGCAAAACCCCGT
QY      22  IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu
Db      279  ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATCATCATCATCATCATCATC
QY      42  AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu
Db      339  GCGAGTATCATCATGTGTGTGCTTCATCAAGTATCTGTGAATTAATTAATTAATTAAT
QY      62  CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys
Db      399  TCGGGAGCTCTCCACTTCATCCAGAGAAACACTGTGTGAGAGAGAGCTGACCTGT
QY      82  ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla
Db      459  CCTTGGGGAGAGCAGAGAGACATGTGTCAAGACTTCCCGAAGGGGCTGCACTGCA
QY      102  ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp
Db      519  GTCCGCTCTCCAGAGACCGATTCACACTGACAGGGTGTGACTGCGGCACAGGAACTGG
QY      122  PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGluMet
Db      579  TTCTGCTCTGTTTGACAACTTCACAGAGCTCTCGTGAGACAGCTGTGAGCAATG
QY      142  GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp
Db      639  GCGTACAGC-----AGACTGTGAGATTTGGCCCAAGACAGAGATCTGGAT
QY      162  ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys
Db      684  GTTGTGAATACAGAAACAGAGAGCTTGCCATGCGGAATCAAGATGGGCTCTGT
QY      182  LeuSerGlySerIleuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro
Db      744  CTTGAGGCTCCCTGCTCTCCCTGACATGCTTCCCTGTGGGAAAGACTGGAAGACCCCC
QY      202  ArgValValGlyGlyGluGluAlaSerValAspSerTrpProGlnValSerIleGln
Db      804  CGTGGTGGTGGGAGAGGCTCTGATCTTGCTGGAGGTCAGATCAG
QY      222  TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleuThrAla
Db      864  TACGACAAACAGACGCTGTGGAGGAGCATCTCGACCCCACTGGGTCTTCACGGCA
QY      242  AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValAlaGlySerAsp
Db      924  GCCACAGCTCTCAGAGAAACATACCGATGTGTTCAACTGGAAGGTGGGAGGCTCAGAC
QY      262  LysLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleGluPheAsnPro

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Db 984 AACTG6GACGCTTCCATCCCTGGCTGGCCAAAGATCATCATTAATCAACCCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGCAATGATGATGCTCCCTCATGAGCTGCACTTCCACTCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATGTCTGTGCTCTTGTATGAGAGCTCATCTCCAGCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGGATCATTTGATGGGGCTTTTACGAGCAAGATGAGGGGAAGATCTCGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGCAGGGGTGATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATG 1283
 QY 362 GLYGIVALTTHRGIVLMEVMEVMEVMEVMEVMEVMEVMEVMEVMEVMEVMEVMEVMEV 381
 Db 1284 GGGGAGTCAACGAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
 Db 1344 CAGGATGACATGTGTGGGCTCTGATGATGATGATGATGATGATGATGATGATGATGATG 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 Db 1404 GTTAGCTGGGCTATGCTGCTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 Db 1464 GCCTATCTCACTGATCTCAATGTCTGAGAGGCTGAGCTG 1505
 RESULT 98
 US-10-012-137A-274
 ; Sequence 274, Application US/10012137A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Pan, James
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE REFERENCE: P2830P1C29
 ; CURRENT APPLICATION NUMBER: US/10/012,137A
 ; PRIORITY FILING DATE: 2002-06-25
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-012-137A-274
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-012-137A-274 (1-2063)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 Db 219 GATCTGACGTGATCAACCTTGAACAGCTTCATGATCAACCTTCCGCAAAACCCCT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACATGAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
 Db 339 GCGAGTATCATATTGATGTGTGCTCTCATCAAGGTGATTTCTGATTAATATCTACTTCTTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 Db 399 TGCAGGAGCTCTTCCACTTATCCCGAGAAAGAGCTGTGTGAGAGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 Db 459 CCTTGGGGAGAGAGAGAGACATGTGTCAAGAGCTTCCCGAAAGGCGCTGAGTGGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrLysAsnTrp 121
 Db 519 GTCCGCTCTCCAAAGACCGATCCACATGCAAGGTGCTGGACTGGCCACAGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluTrpAlaCysArgGluMet 141
 Db 579 TTCTCTGCTTTTTCAGAACTTCAAGAACTCTGCTGAGACAGCTGTGAGGAGATG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGCCTACAC-----AGACTGTGAGATGTGGCCAGACAGAGATGTGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGAATCAGCAAGAAACAGCAGGAGCTTGCATGCGGAATCAATGAGGCGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysAlaLeuAlaCysGlyLysSerLeuLysPhePro 201
 Db 744 CTCTCAGGCTCCCTGCTCTCCCTGACATGCTTGTGCTGTGAGAAAGCTTGAAGACCCCT 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGTGGGTGGGAGAGAGGCTCTGTGATTTTGGCTTGGCAGTACGATCCAG 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
 Db 864 TACGACAAACAGCAGCTGTGTGAGGAGCATCCGACCCCACTGGGTCTTCACGGCA 923
 QY 242 AlaHisCysPheAspGlyHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 924 GCCCACTCTTCAGAAACATACCATGTGTTCATGGAAGGTGCGGAGGCTCAAGC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
 Db 984 AACTGGGAGCTTCCATCCCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGCAATGATGATGCTCCCTCATGAGCTGCACTTCCACTCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATGTCTGTGCTCTTGTATGAGAGCTCATCTCCAGCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGGATCATTTGATGGGGCTTTTACGAGCAAGATGAGGGGAAGATCTCGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGCAGGGGTGATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATG 1283

QY 362 GLYGLVAlThrGluYMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAACTCACCGAAGATGATGTGTGCGAGCATCCCGAAGGGGGTGTGGACACTCCG 1343
QY 382 GInGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValAlaGlyIle 401
Db 1344 CAGGGTGCACAGTGTGGGCCCTGATGTACCAATCTGACCAAGTGGCATGTGTGGCATC 1403
QY 402 ValSerTrpGlyIleTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrIleValSer 421
Db 1404 GTTAGCTGGGGCTATATGCTGGCGGGGCCCGAGCACCAGAGTATACCAAGGCTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValITrpIysAlaGluLeu 435
Db 1464 GCCTATCTCAACTGATCTTCAATGTCTGGAAAGCTGAGCTG 1505
RESULT 99
US-10-012-149A-274
; Sequence 274, Application US/10012149A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PLC26
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-012-149A-274
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
US-10-803-530-2 (1-435) x US-10-012-149A-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
Db 219 GATCTTACAGTGTATCAACCTTGAAACAGCTCGATGTCAAAACCCCTGGCCAAACCCCGT 278
QY 22 IleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 279 ATCCCATGAGACCTTTCAGAAAGTGGGATCCCATCATCATACACTACACTGAGACCTCG 338
QY 42 AlSerIleIleIleValAlaValIleuIleValIleuAspIysTyrTyrPheLeu 61
Db 339 GCAGATATCATCATTTGTTGCTCATCAGATGATTTCTGAATAAATCTACTTCTTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGGGGAGCTCTCCACTTCATCCGAGGAAACAGCTGTGTGACGAGAGCTGAGCTGT 458

QY 82 ProLeuGlyGluAspGluGluHisCysValIleSerPheProGluGluIleProAlaValAla 101
Db 459 CCTTTGGGGAGAGACAGAGAGCATGTGTGTCAAAAGCTTCCCGAAGGGGCTGAGTGGCA 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGACCCGATCCACATGCAAGTGTGTGGACTCGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGlyThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTTCAGCAATTCAGAGAGCTTGTGTGAGACACCTGTATGGCGAGAG 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAAATTTGGCCAGACCAAGATCTGGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATTTCAGAAAAACAGCCAGAGCTTCGATCGGAACTCAAGTGGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIleSerLeuThrPro 201
Db 744 CTCTCAGGCTCCCTGGTCTCCCTGACATGCTTGGCTGTGGAAAGCTTGAAGACCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGTGGGAGAGAGGCTCTGTGTGATTTCTGGCTTGGCAGAGTGCATTCAG 863
QY 222 TyrAspIysGlnHisValCysGlyIleSerIleLeuAspProHisITrpValLeuThrAla 241
Db 864 TACGAAACAGACGCTGTGTGAAGAGACATCTGAGACCCCACTGGAGTGGCTTCACGGCA 923
QY 242 AlaHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTCAGGAAACATACCATGATGTTCAATGGAAGTGGCGGAGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleGluPheAsnPro 281
Db 984 AAACCTGGAGGATCTCCATCCCTGTGTGGCCAGAGATCATCATTAATTCAAATTCAC 1043
QY 282 MetTyrProIysAspAspAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAACAAATGACATGSCCTCATGAAAGCTGACATTCACATTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCAAGTCAGGCCCATCTGTCTGCTCTTTGATGAGAGCTCACCTCCAGCACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyIysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGTGGGCTTTTACAAAGCAATGAGGAAAGATGTCTGACATATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAGGGGTCAAGTCCAGTGTGATGACAGCACAGGTGCATGACAGCGATGGTACAG 1283
QY 362 GlyValValIThrGluYMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAACTCACCGAAGATGATGTGTGCGAGCATCCCGAAGGGGGTGTGGACACTCCG 1343
QY 382 GInGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValAlaGlyIle 401
Db 1344 CAGGGTGCACAGTGTGGGCCCTGATGTACCAATCTGACCAAGTGGCATGTGTGGCATC 1403
QY 402 ValSerTrpGlyIleTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrIleValSer 421
Db 1404 GTTAGCTGGGGCTATATGCTGGCGGGGCCCGAGCACCAGAGTATACCAAGGCTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValITrpIysAlaGluLeu 435
Db 1464 GCCTATCTCAACTGATCTTCAATGTCTGGAAAGCTGAGCTG 1505

RESULT 100
 US-10-012-237A-274
 / Sequence 274, Application US/10012237A
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Eaton, Dan I.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2830PIC21
 / CURRENT APPLICATION NUMBER: US/10/012,237A
 / CURRENT FILING DATE: 2002-06-10
 / Prior Application removed - See File Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 477
 / SEQ ID NO 274
 / LENGTH: 2063
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / US-10-012-237A-274

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-012-237A-274 (1-2063)

QY	2	AspProaspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgIleProArg	21
DB	219	GATCTGACAGTGAACCACTCTGAACAGCTCGATGCAACCCCTGGCAACCCCT	278
QY	22	IleProMetGluThrPheArgIleValGlyIleProIleIleIleAlaLeuLeuSerIleu	41
DB	279	ATCCCCATGAGACCTTCAGAAAGGTGGGATCCCCATCATCATGACACTGAGCCCTG	338
QY	42	AlaSerIleIleIleValIleValIleuIleValIleuAspIleTyrPheIleu	61
DB	339	GGAGATCATCATATGTGTGTCTCATCAAGTATCTGATTAATTAATTAATTAATTAAT	398
QY	62	CysGlyGlnProLeuHisPheIleProArgIleGlnLeuCysAspGlyGluLeuAspCys	81
DB	399	TCCGGGACAGCTCTCTCACTTCACTCCGAGAGACAGCTGTGTGACGAGAGCTGACT	458
QY	82	ProLeuGlyGluAspGlnIleHisCysValIleSerPheProGlnGlyProAlaValAla	101
DB	459	CCCTGGGGAG	518
QY	102	ValAlaGlnSerIleAspArgSerThrIleGlnValIleuAspSerIleThrGlyAsnTrp	121
DB	519	GTCCGGCTCTCCAG	578
QY	122	PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet	141
DB	579	TTCCTGCTCTGTTTTCAGCACTTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	638
QY	142	GlyTyrSerSerIleProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp	161
DB	639	GGCTACAGC-----AGAGCTGTGAGATGAGCCCAAGAGAGATCTGAGAT	683

QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181

DB 684 GTTCTTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT

QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIleSerLeuIleThrPro 201

DB 744 CTCTCAGGCTCTCTGCT

QY 202 ArgValValGlyGlyGlnGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221

DB 804 CGT

QY 222 TyrAspIleGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleThrAla 241

DB 864 TACACAAACAGACAGCTGT

QY 242 AlaHisCysPheArgIleHisThrAspValPheAsnTrpValArgAlaGlySerAsp 261

DB 924 GCCCATCTCTTCAAGAAACATACCGATGTGTCAACTGGAAGTGTGGGAGAGCTCAGAC

QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGluPheAsnPro 281

DB 984 AAACGTGGCAGCTTCCCATCCCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT

QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301

DB 1044 ATGTACCCCAAGAAACATGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT

QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321

DB 1104 GCACAGTCAAGCCCATGTGTCTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT

QY 322 LeuTrpIleIleGlyTyrGlyPheThrIleGlnAsnGlyIleLysMetSerAspIleLeu 341

DB 1164 CTCTGATCATGTGATGT

QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThrGln 361

DB 1224 CTGCAAGGCTCAGTCAAGT

QY 362 GlyGluValIleThrGluLysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381

DB 1284 GGGAGAGTCAACGAGAAATGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT

QY 382 GlnGlyAspSerGlyIleProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401

DB 1344 CAGGCTGACAGT

QY 402 ValSerTrpGlyTyrGlyCysGlyIleProSerThrProGlyValIleThrIleValSer 421

DB 1404 GTTAGCTGGGCTATGT

QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435

DB 1464 GCCTATCTCACTGATCTTCAATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT

US-10-012-752A-274
 / Sequence 274, Application US/10012752A
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Eaton, Dan I.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pan, James

```

; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C24
; CURRENT APPLICATION NUMBER: US/10/012,752A
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-012-752A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-012-752A-274 (1-2063)

QY 2 ASPProASPSezAspGlnProLeuAenSerLeuAspValLysProLeuAenGlySerProArg 21
Db 219 GATCCGACGACGATGATACCTCTGACACAGCCTGATGCAAAACCCCTGGCAAAACCCCGT 278
QY 22 LLeProMetGluThrPheArgLysValGlyLeuProLeuLeuLeuLeuLeuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATCATCATCATCATCATCATCTG 338
QY 42 AlaSerLeuLeuLeuLeuValValLeuLeuLeuValLeuLeuAspLysTyrTyrPheLeu 61
Db 339 GCGAGTATATATATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 398
QY 62 CysGlyGlnProLeuHisPheLeuProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
Db 399 TCGCGGCGAGCCTCTCCACTTCACTCCGAGAGACGCTGTGTGTGTGTGTGTGTGTGTGTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCGTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
Db 519 GTCCGCTCTCCAGAGACCGATCCACACTGACGATGCTGCTGCTGCTGCTGCTGCTGCTGCT 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTTCTGCTGCTGTTTGCACAACTTCACAGAGCTTCCTGAGACAGCCTGTAGGCAAGATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluLeuGlyProAspGlnAspLeuAsp 161
Db 639 GGGTACAGC-----AGAGCTGTGAGATGTGGCCAGACGACGATCTGGAT 683
QY 162 ValValGluLeuThrGluAsnSerGlnLeuLeuArgMetLysGlnSerSerGlyProCys 181
Db 684 GTTGTAAATACAGAAACAGCCAGAGAGCTTCGCAATGGGAACTCAATGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuSerPro 201
Db 744 CTCCTCAGGCTCCCTGCTCCCTGCACTGTCTTCCCTGTGGAGAAAGCTGAAAGACCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTyrProTyrGlnValSerLeuGln 221
Db 804 CGTGTGTTGGGTGGGAGAGAGGCTCTGTGATTTCTTGCTGGCAGGAGGAGCATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerTyrLeuAspProHisTyrValLeuThrAla 241
Db 864 TAGGACAAACAGACGCTCTGTGAGAGGAGCATCTGAGACCCCACTGGGCTCTCAAGGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTyrLysValArgAlaGlySerAsp 261

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Db 924 GCCACCTGCTTCAGAGAAACATCCGATGTGTCAACTGGAAGGTGCGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysLeuLeuLeuLeuLeuLeuLeuLeu 281
Db 984 AAACGGGCGAGCTTCCCATCCCTGCTGTGGCCAAAGTATCATTCATTCATTCATTCATTC 1043
QY 282 MetTyrProLysAspAsnAspLysLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACAAATGACATCGCCCTCATCAATGACATGACATGACATGACATGACAT 1103
QY 302 GlyThrValArgProLeuCysLeuProPhePheAspGluGlnLeuThrProAlaThrPro 321
Db 1104 GGCACATCAGAGGCCATCTGTCTGCTCTTGTATGAGAGAGCTCACTCAGACCCCA 1163
QY 322 LeuThrLeuLeuGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspLeu 341
Db 1164 CTCTGATCATTTGGATGGGCTTTTACGAGACAAATGAGGAGAAATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValLysAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGCGTCAATCCAGATTCATTCACACACACGCTGCAATGACAGATCGTACAG 1283
QY 362 GlyLysValThrGluLysMetMetCysAlaGlyLeuProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAGTCAACGAGAAATGATGTGTGTGACGACATCCGAAAGGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnThrPheValValGlyLeu 401
Db 1344 CAGGAGTGAAGATGGTGGGCGCCCTGATGTACCAATCTGACAGTGCATGTGGTGGCATC 1403
QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTAGCTGGGCTTAGCTGCTGCGGGGCCCGAGCACCCAGAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTyrLysTyrAsnValTyrLysAlaGluLeu 435
Db 1464 GCCTATCTCACTGGATCTGACATGTCTGAAAGGCTGAGCTG 1505

RESULT 102
US-10-012-753A-274
; Sequence 274, Application US/10012753A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desmoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C17
; CURRENT APPLICATION NUMBER: US/10/012,753A
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-012-753A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429

```

Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-012-754A-274 (1-2063)

```

QY 2 AspProAapSerAapGlnProLeuAanSerLeuAapValVlyProLeuAargProAarg 21
DB 219 GATCTGACAGTGAATCAACCTTGAACAGCTCGAATGCAAAACCCCTGGCAAAACCCCTG 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCCATGAGACCTTCAGAAAGGTGGGAGATCCCATCATCATATGACATGAGCTG 338
QY 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAapLysTyrTyrPheLeu 61
DB 339 GCGAGTATCATATGTTGTGTCTCATCAAGGTGATTCGATTAATTAATTAATTAATTAAT 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAapGlyGlnLeuAapCys 81
DB 399 TGCAGGAGCCTCTCCATTCATCCGAGAGACGCTGTGTGACGAGACCTGAGCTGT 458
QY 82 ProLeuGlyGluAapGlyGlnHisCysValLysSerPheProGlyGlyProAlaValAla 101
DB 459 CCTTGGGAGAGACGAGACGACCTGTCTCAAGACCTTCCCGAAGGGCTGGAGCTGCA 518
QY 102 ValArgLeuSerLysAapArgSerThrLeuGlnValLeuAapSerAlaThrGlyAanTyr 121
DB 519 GTCCGCTCTCAAGAGACGATCCACATCGAGGTGTGAGACTCGGCAAGGAGGAACTGG 578
QY 122 PheSerAlaCysPheAapAanPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTGTGCTGTTCGACAACTTCACAGAGCTTCGCTGAGACAGCCTGTGAGGAGATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAapGlnAapLeuAap 161
DB 639 GAGTACAGC-----AGAGGTGTGAGATTTGGCCCGACGACGATTCGAT 683
QY 162 ValValGluIleThrGlnAanSerGlnLeuAargMetArgAanSerSerGlyProCys 181
DB 684 GTTGTGAAATCAGAAACAGCAAGGAGCTTCGACAGGAACTCAAGTGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTAGGCTCCTGCTGCTCCTCTGCACTGTCTGTGGGAGAGAGCTGAAAGCCCC 803
QY 202 ArgValValGlyGlyGlnAlaSerValAapSerTyrProTyrGlnValSerIleGln 221
DB 804 CGTGTGTGGGTGGGAGAGGCTCTGTGTGATTTCTGGCTTGGGAGGTCAAGATCCAG 863
QY 222 TyrAapLysGlnHisValCysGlyLysSerIleLeuAapProHisTyrValLeuThrAla 241
DB 864 TACGCAAAACAGCACTGTGTGAGGAGGACATCTGAGACCCCACTGGGTCTTCAAGGGA 923
QY 242 AlaHisCysPheArgLysHisThrAapValPheAanTyrLysValArgAlaGlySerAap 261
DB 924 GCCCACTGCTCAGAAACATACCAATGTGTTCATCTGGAAGGTGGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAanPro 281
DB 984 AAACGTGGGAGCTTCCCATCTGCTGTGGCCAGATATATCATATTAATTAATTAATTAAT 1043
QY 282 MetTyrProLysAapAanAapIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 AATGACCCCAAGAGACATGATCATGCTGCTCATGAGCTGAGTCCCATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAapGlyGlnLeuThrProAlaThrPro 321
DB 1104 GGCACAGTACAGGCCATCTGTGCTTCTTGAAGAGAGTCACTCAGGCAACCCCA 1163
QY 322 LeuTyrIleIleGlyTyrGlyPheThrLysGlnAanGlyLysMetSerAapIleLeu 341

```

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DB 1164 CTCTGATCATTTGATGAGGCTTTACAGACAGATGAGGAAAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAapSerThrArgCysAanAlaAapAlaTyrGln 361
DB 1224 CTGAGGCGGTCAAGTCCAGGTCAATGACAGACAGGTGGCAATGACAGAGCTTACAG 1283
QY 362 GlyGluValThrGluLysMetCysAlaGlyIleProGluGlyValAapThrCys 381
DB 1284 GGGAGATCACCGAGAGAGATGATGTGACAGGATCCCGAAGGGGGGTGAGACCTGC 1343
QY 382 GlnGlyAapSerGlyGlyProLeuMetTyrGlnSerAapGlnTyrValValGlyIle 401
DB 1344 CAGGTGACAGTGTGTGGGCTGATGTATCCAAATCTACAGTGCATGTGTGTGGCTTC 1403
QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1404 GTTAGCTGGGGCTATGGCTGTGGGGGCGGAGACCCAGAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAanTyrIleTyrAanValTyrLysAlaGluLeu 435
DB 1464 GCTATCTCAACTGATCTCAATGTCTGAAAGGCTGAGCTG 1505

```

RESULT 103
 US-10-012-754A-274

; Sequence 274, Application US//10012754A

; GENERAL INFORMATION:

```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Balon, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Par, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C18
; CURRENT APPLICATION NUMBER: US/10/012,754A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-012-754A-274

```

Alignment Scores:

```

Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

```

US-10-803-530-2 (1-435) x US-10-012-754A-274 (1-2063)

```

QY 2 AspProAapSerAapGlnProLeuAanSerLeuAapValVlyProLeuAargProAarg 21
DB 219 GATCTGACAGTGAATCAACCTTGAACAGCTCGAATGCAAAACCCCTGGCAAAACCCCTG 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCCATGAGACCTTCAGAAAGGTGGGAGATCCCATCATCATATGACATGAGCTG 338
QY 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAapLysTyrTyrPheLeu 61

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QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGGTACAGC-----AGACCTGTGAGATTGGCCAGACAGAGATCTGGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetAspAsnSerSerGlyProCys 181
DB 684 GTTGTGAATACAGAAAACAGCCAGAGCTTCGCAAGCCGAACTCAAGTGGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCACAGGCTCCCTGCTCTCCCTGCACTGTCTTGCTGTGGAAAGAGCCTTAAGACCCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTPPProThrGlnValSerIleGln 221
DB 804 CGTGTGGGTGGGTGGGAGAGGCTCTGTGATTTGGCTTGGCAGGTCAAGCATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTPPValLeuThrAla 241
DB 864 TACGACAAACAGACAGTCTGTGGAGAGCATCTGGACCCCACTGGGTCTCAAGGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTPPValArgAlaGlySerAsp 261
DB 924 GCCACCTGCTTCAGGAAACATACCATGTGTCACTGGAAGTGCAGGCGAGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleGluPheAsnPro 281
DB 984 AAACGTGGCAGCTTCCCATCCCTGTGCTGTGGCAGAAATCATCATATTGAATCAACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGACAAATGACATCCCTCATGAAAGCTGCACTTCCACTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGGCCCATCTGTCTGCTTCTTGTATGAGAGCTCACTCCAGCCACCCA 1163
QY 322 LeuTPPleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB 1164 CTGTGATCATTTGGATGGGGCTTTTACGAAAGTGGAGGAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGluValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCGGGGCTCAGTCAAGGTCAATGACAGACACAGGTGCAATGCAAGATCCGTAACG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
DB 1284 GGGGAAGTCAACGAAAGATGATGTGTGAGGCAATCCCGAAGGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetCysValAspGlnTPPHisValValGlyIle 401
DB 1344 CAGGGTGAACAGTGGTGGGCCCTGTGATGTACCAATCTGACAGTGGATGTGTGGGCATC 1403
QY 402 ValSerTPPGLYTYRGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1404 GTTACTGGGGGTATAGGCTGCGGGGCCCGAGACACCCGAGAGTATACCAAGGCTCA 1463
QY 422 AlaTyrLeuAsnTPPleTyrAsnValTyrLysAlaGluLeu 435
DB 1464 GCCTATCTCACTGATCTCAATGTCTGGAAGCTGAGCTG 1505

```

RESULT 105
US-10-013-430A-274
Sequence 274, Application US/10013430A
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferreira, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoletti, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C31
CURRENT APPLICATION NUMBER: US/10/013,430A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-013-430A-274

Alignment Scores:

Pred. No.:	Score:	Length:	Matches:	Conservative:	Mismatches:	Indels:	Gaps:
0	2297.50	2063	429	0	5	1	
Percent Similarity:	98.85%						
Best Local Similarity:	98.85%						
Query Match:	98.10%						

US-10-803-530-2 (1-435) x US-10-013-430A-274 (1-2063)

```

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCTGACATGATCAACCTCTGAAAGCTCTGATGCAACCCCTCGCAAAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGAGAGACCTTCAGAAAGTGGGATCCCATCATCATATGCACTAGGCTG 338
QY 42 AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB 339 GCGATATCATCATTTGTGTGTCTCTATCAAGGTGATTTCTGATTAATATCACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TGGCGGAGCCTCTTCACTTATCCGAGAGAGCTGTGTGAGAGAGCTGAGTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTGGGGGAGAGCAGAGAGCATGTGTCAAGACCTTCCCGAAGGGCTGTGAGTGTCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTPP 121
DB 519 GTCCCTCTCTCCAAAGACCGATCCACTGCACTGAGTGTGACTCGGCCCAAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTGTGCTGTTCGATCACTTCAAGAGTCTCGTGAAGACGCTGTGAGAGCTGTGAGATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCCTACAGC-----AGACCTGTGAGATTGGCCAGACCAAGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATACAGAAAACAGCCAGAGCTTCGATGCGAAATCTCAAGTGGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCACAGGCTCCCTGCTCTCCCTGCACTGTCTTGCTGTGGAAAGAGCCTTAAGACCCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTPPProThrGlnValSerIleGln 221
DB 804 CGTGTGGGTGGGTGGGAGAGGCTCTGTGATTTGGCTTGGCAGGTCAAGCATCCAG 863

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QY 222 TTAAPLYSGlnHsValCyeglyyserrileuAapProHsITrValleuthzla 241
DB 864 TACGACAAACAGACGTCGTGTAGAGAGACATCCGAGACCCCACTGGGTCCTCACGGCA 923
QY 242 ALaHsCyepheArGlyshIsthAspValPheantTrpValArAlaGlySerAsp 261
DB 924 GCCCACTGCTTCAGGAAACATACCATGTGTTCAACTGGAAGTGGGGCGGCTCAGAC 983
QY 262 LysleuGlySerPheProSerleuAlaValAlaYsIlellelleuGluPheAspPro 281
DB 984 AACTGGGAGCTTCATCCCTGCTGTGGCAAGATCATCATCATTAATTAACCCC 1043
QY 282 MetTrpProLysAspAspAlleAlaLeuMetLysleuGlnPheProleuThPheSer 301
DB 1044 ATGTAACCCCAAGAACATGACATGCGCTCATGAGGCTGACGTTCCACCTCTTCTCA 1103
QY 302 GlyThrValAlaGrProlleCyaleuProPhePheAspGluGluLeuThProAlaThPro 321
DB 1104 GGCACAGTCAGGCCCCTCTGTCTGCTCTTGTATGAGAGCTCACTCACGCCACCCCA 1163
QY 322 LeuTrpIlelleGlyTPGlyPheThrLysGlnAsnGlyGlyYsMetSerAspIleu 341
DB 1164 CTCGATCATTTGATGGGCTTTACAGAGAGATGAGAGAGATGTCGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCyAspAlaAspAlaTrpGln 361
DB 1224 CTGACGGCGTCAGTCAGTCATTTGACAGCACAGGTCGATCAGACATGCTACG 1283
QY 362 GlyGluValThrGluYsMetMetCyAlaGlyIleProGluGlyGlyValAspThrCyS 381
DB 1284 GGGGAGTCCACCGAAGATGATGTGTGCGAGGATCCCGAAGGGGCTGTGACACTCG 1343
QY 382 GlnGlyAspSerGlyGlyProleuMetTrpGlnSerAspAlaTrpHsValValGlylle 401
DB 1344 CAGGGTACAGTCGTGGGCCCCCTGATGTACCATCGACCAAGGCTGTGGGCTC 1403
QY 402 ValSerTrpGlyTrpGlyCySgIyGlyProSerThProGlyValTrpThLysValSer 421
DB 1404 GTTAGCTGGGGCTAATGCTGCGGGGCCGAGACCCCGAGGTATACCAAGCTCTCA 1463
QY 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
DB 1464 GCTATCTCACTGATCATGCTCTGGAAGGCTGAGCTG 1505

RESULT 106
US-10-013-906A-274
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Demoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Pao, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1G36
CURRENT APPLICATION NUMBER: US/10/013,906A
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
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PRIOR FILING DATE: 1998-09-01

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PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:

Align. No.:	0	Length:	2063
Score:	2297.50	Matches:	429
Best Similarity:	98.85%	Mismatches:	0
Best Local Similarity:	98.85%	Indels:	5
Query Match:	98.10%	Gaps:	1

US-10-803-530-2 (1-435) x US-10-013-906A-274 (1-2063)

2 AAPP...
219 GATCTGACAGTGA...
22 ILEP...
279 ATCCCA...
42 ALaSer...
339 GCGAGTATCATG...
62 CySGL...
399 TCGGGG...
82 Prol...
459 CCCTT...
102 Val...
519 GTCCG...
122 Phe...
579 TTCTG...
142 Gly...
639 GCGTAC...
162 Val...
684 GTTGTGAATCA...


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QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLeuSerLeuThyPro 201
DB 744 CTTCAAGGCTCCCTGCTCTCTGCACTGTCTTGCTGGGAGAGGCTCAACCCGCC 803
QY 202 ArgValValGlyGlyGluAlaSerValAspSerTrpProGlnValSerIleGln 221
DB 804 CGTGTGGTGGTGGGAGAGGAGGCTCTTGGAATCTTGCTGGCAGGTTCAGCATCAG 863
QY 222 TyrAspIysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACGACAAACAGACAGCTGTGTGAGAGGAGCATCTCGACCCCACTGGGTCTTCAGCGCA 923
QY 242 AlaHisCysPheAspGlyHisIleThrAspValPheAsnTrpIysValAlaGlySerAsp 261
DB 924 GCCCACTGCTTCAGGAAACATACCGAGTGTTCACATGGAAGGTGGCGGACGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleGluPheAsnPro 281
DB 984 AATCTGGGAGCTTCCCATCTGCTGGTGGCCAAATCATCATGATTCATCAACCC 1043
QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetIleGlnIlePheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAAAGACATGACATGCCCCCTCATAGAGCTGCAAGTCCCACTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlyGluLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGGCCCATCTGTCTGCCCTTCTTGATGAGGAGCTCACTCAACCCCA 1163
QY 322 LeuTrpIleIleGlyThrGlyPheThrIysGlnAsnGlyGlyIysMetSerAspIleLeu 341
DB 1164 CTCTGATCTTTCAGATGGGCTTTTACGAAAGCAAGAGGAGGAGATGCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThrGln 361
DB 1224 CTGCAAGGCTCAGTCCAGGTCATTTGACACACACGCTGCAATGCAAGATCGTACAG 1283
QY 362 GlyGluValThrGluIysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB 1284 GGGGAGTCAACGAGAAAGATGATGTGTGACGACATCCCGAAGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGGTGAAGATGGTGGGCTCTGATGTCATTCATTCAGTGCATGTGTGTGGCATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrIysValSer 421
DB 1404 GTTACCTGGGCTATGGCTGGCGGGGCCGAGCACCCAAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGluLeu 435
DB 1464 GCTTATCTCAACTGATCTCAATGTCTTGAAAGGCTGAGCTG 1505
RESUL.T 107
US-10-013-907A-274
; Sequence 274, Application US/10013907A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Borstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurtey, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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FILE REFERENCE: P2830P1C34
; CURRENT APPLICATION NUMBER: US/10/013,907A
; CURRENT FILING DATE: 2001-12-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-013-907A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-013-907A-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
DB 219 GATCTGACAGTATCAACCTTGAAACAGCTTGATGTCAAACTCTGGCAAAACCCCT 278
QY 22 IleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATACATCACTGAGAGCTG 338
QY 42 AlaSerIleIleIleValValIleValIleValIleValIleValIleValIleValIle 61
DB 339 GCGAGTATCATCATTTGTGTGCTTCATCAAGATGATCTGATTAATATCACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGlyLeuAspCys 81
DB 399 TGGGGAGAGCTCTTCATCTTATCCAGAGAGAGCTGTGTGAGAGAGAGCTGTGACTGT 458
QY 82 ProLeuGlyGluAspGlnGlnHisCysValIysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTGGGGAGAGACAGAGACATGTGTCAAGACTTCCCGAAGGCTCTGCACTGCA 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTTCAGAGACCGATTCACACTGCAAGGTGCTGACTGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluTrpAlaCysArgGluMet 141
DB 579 TTCTGTGCTGTGTTCGACACTTCACAGAACTCTCGCTGAGACAGCTGTGAGAGAGT 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GACTACAGC-----AGAGCTGTGAGATTTGGCCAGACAGAGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATACAGAAACAGACAGAGAGTTCGATGCGGAACTAAAGTGGGCTGTG 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysTrpPro 201
DB 744 CTCTAGGCTCCCTGGCTCTCTGCTGCTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 803
QY 202 ArgValValGlyGlyGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGGTGGTGGGAGAGGCTCTGTGTGATTTCTTGCTGGCAGGTTCAGCATCAG 863
QY 222 TyrAspIysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACGACAAACAGACAGCTGTGTGAGAGGAGCATCTCGACCCCACTGGGTCTTCAGCGCA 923
QY 242 AlaHisCysPheAspGlyHisIleThrAspValPheAsnTrpIysValAlaGlySerAsp 261
DB 924 GCCCACTGCTTCAGGAAACATACCGAGTGTTCACATGGAAGGTGGCGGACGCTCAGAC 983
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QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
 DB 984 AATCTGGAGCTTCCATCTCTGCTGCGCAAGATCATCATTTGAATTCATACCCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTAACCCCAAGACATGATCATGCCCTCATGAAGTCGACGTTCCCACTCATTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTTGTATGAGAGCTCATCTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIleGlnAsnGlyLysMetSerAspIleLeu 341
 DB 1164 CTCTGAGTCATTTGATGGGGCTTTACAGAGCAAGATGAGAGATGTCTGACATCTG 1223
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 DB 1224 CTGCAAGCGCTCAAGTCACAGTCATTCAGCACAGGTCATTCAGACAGAGCGGTACAG 1283
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 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrLysValSer 421
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RESULT 108
 US-10-013-909A-274
 ; Sequence 274, Application US/10013909A
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Boerstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2830PIC35
 ; CURRENT APPLICATION NUMBER: US/10/013,909A
 ; CURRENT FILING DATE: 2002-06-25
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-013-909A-274

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5

DB: 40 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-013-909A-274 (1-2063)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
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 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 DB 279 ATCCCAATGAGACCTTCAGAAAGTGGGATCCCATCATCATAGCATCTAGAGCTG 338
 QY 42 AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
 DB 339 GCGAGTATCATATTGAGTGTCTCATCAAGGTGATTTGATTAATACTACTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 DB 399 TGCAGGAGGCTCTTCCATCTCATCCGAGAGAGAGCTGTGTGACGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGlyAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 DB 459 CCTTGGGGGAGAGAGAGACACTGTGTCAAGAGCTTCCCGAAGGGCTGCACTGSCA 518
 QY 519 GTCCGCTCTCCAGAGCCATTCACACTGCAAGGTGTGACTGCGGACAGGGAACTGG 578
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCGCTCTCCAGAGCCATTCACACTGCAAGGTGTGACTGCGGACAGGGAACTGG 578
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 DB 1044 ATGTAACCCCAAGACATGATCATGCCCTCATGAGCTGCGAGTTCACCTCATCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTTGTATGAGAGCTCATCTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIleGlnAsnGlyLysMetSerAspIleLeu 341
 DB 1164 CTCTGAGTCATTTGATGGGGCTTTACAGAGCAAGATGAGAGATGTCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361

Db 1224 CTGCAGGGCTCAGTCCAGGTCAATTGACGACACGGTGCATGACGATGCGTACAG 1283
QY 352 G1ytlVal1Thrg1yLysMetMetCysAlaG1y1leProG1yG1yVal1AspThrCys 391
Db 1284 GGGGAAGTCACCGAAGATGATGTGTGCAGGATCCCGAAGGGGTGTGGACACCTGC 1343
QY 382 G1nG1yAspSerG1yG1yProLeuMetTyrG1nSerAspG1nTrpHisVal1G1y1le 401
Db 1344 CAGGTGACAGTGTGGGCCCCCTGATGTACCAATCTACACAGTGGCATGTGTGGCATC 1403
QY 402 ValSerTrpG1yTyrG1yCysG1yG1yProSerThrProG1yVal1TyrThrLysValSer 421
Db 1404 GTTAGTGGGGCTATGTGCTGGGGGGCCCGACGACCCCGAAGAGTATACCAAGTCTCA 1463
QY 422 AlaTyrLeuMetTrp1leTyrAsnVal1TrpLysAlaG1yLeu 435
Db 1464 GCGTATCTCAACTGAGATCTCAATGTCTGGAGGCTGAGCTG 1505
RESULT 109
US-10-013-910A-274
Sequence 274, Application US/10013910A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guirney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C3
CURRENT APPLICATION NUMBER: US/10/013,910A
PRIOR FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-013-910A-274
Alignment Scores:
Pred. No.: 0
Score: 2297.50
Length: 2063
Matches: 429

Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1
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Db 219 GATCCTGACAGTGTATCAACCTCGAACAAGCCTCGATGTCAAAACCCCTGGCAAAACCCCT 278
QY 22 IleProMetG1uThrPheArgLysVal1G1y1lePro1le1le1Val1leuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCACAAAAGTGGGATCCCATCATCATCATGACCTACTGACCTCG 338
QY 42 AlaSer1le1le1leVal1Val1leu1leLysVal1leuAspLysTyrTyrPheLeu 61
Db 339 GCGAGTATCATATGTTGGTGTCTCATCAAGGTGATTCTGGATTAATACTTCTTC 398
QY 62 CysG1yG1nProLeuHisPhe1leProArgLysG1nLeuCysAspG1yG1yLeuAspCys 81
Db 399 TGGCGGAGCTCTTCACTTCATCCGAGAAAGACAGTGTGTGACGAGAGCTGACCTGT 458
QY 82 ProLeuG1yG1uAspG1uHisCysVal1ySerPheProG1yG1yProAlaVal1Ala 101
Db 459 CCTTGGGGGAGAGCAGAGAGCACTGTGTCAAGAGCTTCCCGAAGGCTGACATGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuG1nVal1leuAspSerAlaThrG1yAsnTrp 121
Db 519 GTCCGCTTCCAAAGACCATTCACACTGACAGGTGTGGACTCGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrG1uAlaLeuAlaG1uThrAlaCysArgG1Met 141
Db 579 TTCTGTGCTGTGTGACAACTTCACAGAGCTTCCTGTGACAGCCTGTAGGAGATG 638
QY 142 G1yTyrSerSerLysProThrPheArgAlaVal1G1yG1yProAspG1nAspLeuAsp 161
Db 639 GCGTACAGC-----AGAGCTGTGGAGATTGGCCCAAGACAGAGATCTGGAT 683
QY 162 Val1AlaG1u1leThrG1uAsnSerG1nG1uLeuArgMetCysAsnSerSerG1yProCys 181
Db 684 GTTGTGTAATATCAGAAACAGCCAGAGCTTGCATGCGGAACCTCAAGTGGGCTGT 743
QY 182 LeuSerG1ySerLeuVal1SerLeuHisCysLeuAlaCysG1yLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCCTGGTCTCCCTGCACATGCTTCCCTGTGGAAAGACCTGGAAGACCC 803
QY 202 ArgVal1Val1G1yG1yG1uAlaSerVal1AspSerTrpProTrpG1nVal1Ser1leG1n 221
Db 804 CGTGTGTGGGTGGGAGAGGCTCTGTGGATTCTTGGCTTGGCAGGTCAAGATCCAG 863
QY 222 TyrAspLysG1nHisVal1CysG1yG1ySer1leuAspProHisTrpVal1leuThrAla 241
Db 864 TACGACAAACAGCAGTCTGTGGAGGAGCATCTGGAACCCCACTGGGTTCTTCAAGGCA 923
QY 242 AlaHisCysPheAspGlyHis1leThrAspVal1PheAsnTrpLysVal1ArgAlaG1ySerAsp 261
Db 924 GCCACCTGCTTCAGAGAAACATACCGATGTTCACATGGAAGTGGCGGACGCTCAGAC 983
QY 262 LysLeuG1ySerPheProSerLeuAlaVal1Lys1le1le1le1leG1uPheAsnPro 281
Db 984 AAACCTGGGAGCTTCCCATCTCCCTGGCTGTGGCCAAAGATCATCTTAATTAATTCACCCC 1043
QY 282 MetTyrTrpLysAspAsnAsp1leAlaLeuMetLysLeuG1nPheProLeuThrPheSer 301
Db 1044 ATGTATCCCAAGACATGATGATGCTCATGATGAAGCTCAGTTCCTCATCTTCTTA 1103
QY 302 G1yThrVal1ArgPro1leCysLeuProPhePheAspG1uLeuThrProAlaThrPro 321
Db 1104 GGACAGTCAAGCCCATCTGTCTGCCCCCTTGTGATGAGAGACTCATCCACACCCCA 1163
QY 322 LeuTrp1le1leG1yTyrPheThrLysG1nAsnG1yLysMetSerAsp1leLeu 341

Db 1164 CTCTGATCATTTGGATGGGCTTTACGAGCAGATGAGGAGGATGTCTGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGCGCTCAGTCACGATTCATGACGACGAGGTGCATGACGATGCGCTACCG 1283
Qy 362 GtGtGtValThrGluValMetMetCysAlaGlyIleProGluGtGtValValAspThrCys 381
Db 1284 GGGGAGTCCAGCAGATATGTGTCAGGACATCCGAGAGGGGGTGTGACACCTGC 1343
Qy 382 GtngtAspSerGtGtGtProLeuMetTyrGlnSerAspGlnTyrPheValGlyIle 401
Db 1344 CAGGTGACATGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGATC 1403
Qy 402 ValSerTyrGtTyrGt 421
Db 1404 GTTAGTGGGGCTATGTGCTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 1463
Qy 422 AlaTyrLeuAsnTyrPheTyrAsnValTyrPheValGluLeu 435
Db 1464 GCTTATCTCACTGATCTACATGTCTGAGAGGCTGAGCTG 1505

RESULT 110
US-10-013-911A-274
Sequence 274, Application US/10013911A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C39
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: US/10/013,911A
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
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PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
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PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
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4	PRIOR APPLICATION NUMBER: 60/102207	
5	PRIOR FILING DATE: 1998-09-29	
6	PRIOR APPLICATION NUMBER: 60/102244	
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10	PRIOR APPLICATION NUMBER: 60/102330	
11	PRIOR FILING DATE: 1998-09-29	
12	PRIOR APPLICATION NUMBER: 60/102331	
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14	PRIOR APPLICATION NUMBER: 60/102484	
15	PRIOR FILING DATE: 1998-09-30	
16	PRIOR APPLICATION NUMBER: 60/102487	
17	PRIOR FILING DATE: 1998-09-30	
18	PRIOR APPLICATION NUMBER: 60/102570	
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20	PRIOR APPLICATION NUMBER: 60/102571	
21	PRIOR FILING DATE: 1998-09-30	
22	PRIOR APPLICATION NUMBER: 60/102684	
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28	PRIOR APPLICATION NUMBER: 60/103258	
29	PRIOR FILING DATE: 1998-10-06	
30	PRIOR APPLICATION NUMBER: 60/103314	
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53	PRIOR FILING DATE: 1998-10-14	
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70	PRIOR APPLICATION NUMBER: 60/105807	
71	PRIOR FILING DATE: 1998-10-27	
72	PRIOR APPLICATION NUMBER: 60/105881	
73	PRIOR FILING DATE: 1998-10-27	

QY	PRIOR APPLICATION NUMBER: 60/105862	QY	PRIOR FILING DATE: 1998-10-27	QY	PRIOR APPLICATION NUMBER: 60/106023	QY	PRIOR FILING DATE: 1998-10-28	QY	PRIOR APPLICATION NUMBER: 60/106029
QY <td>Alignment Scores:</td> <td>QY <td>pred. No.:</td> <td>QY <td>Length:</td> <td>QY <td>Matches:</td> <td>QY <td>Conservative:</td> </td></td></td></td>	Alignment Scores:	QY <td>pred. No.:</td> <td>QY <td>Length:</td> <td>QY <td>Matches:</td> <td>QY <td>Conservative:</td> </td></td></td>	pred. No.:	QY <td>Length:</td> <td>QY <td>Matches:</td> <td>QY <td>Conservative:</td> </td></td>	Length:	QY <td>Matches:</td> <td>QY <td>Conservative:</td> </td>	Matches:	QY <td>Conservative:</td>	Conservative:
QY <td>Score:</td> <td>QY <td>Percent Similarity:</td> <td>QY <td>Best Local Similarity:</td> <td>QY <td>Query Match:</td> <td>QY <td>Indels:</td> </td></td></td></td>	Score:	QY <td>Percent Similarity:</td> <td>QY <td>Best Local Similarity:</td> <td>QY <td>Query Match:</td> <td>QY <td>Indels:</td> </td></td></td>	Percent Similarity:	QY <td>Best Local Similarity:</td> <td>QY <td>Query Match:</td> <td>QY <td>Indels:</td> </td></td>	Best Local Similarity:	QY <td>Query Match:</td> <td>QY <td>Indels:</td> </td>	Query Match:	QY <td>Indels:</td>	Indels:
QY <td>2297.50</td> <td>QY <td>98.85%</td> <td>QY <td>98.85%</td> <td>QY <td>98.10%</td> <td>QY <td>Gaps:</td> </td></td></td></td>	2297.50	QY <td>98.85%</td> <td>QY <td>98.85%</td> <td>QY <td>98.10%</td> <td>QY <td>Gaps:</td> </td></td></td>	98.85%	QY <td>98.85%</td> <td>QY <td>98.10%</td> <td>QY <td>Gaps:</td> </td></td>	98.85%	QY <td>98.10%</td> <td>QY <td>Gaps:</td> </td>	98.10%	QY <td>Gaps:</td>	Gaps:
QY <td>US-10-803-530-2 (1-435) x US-10-013-911A-274 (1-2063)</td> <td>QY <td>2063</td> <td>QY <td>429</td> <td>QY <td>0</td> <td>QY <td>5</td> </td></td></td></td>	US-10-803-530-2 (1-435) x US-10-013-911A-274 (1-2063)	QY <td>2063</td> <td>QY <td>429</td> <td>QY <td>0</td> <td>QY <td>5</td> </td></td></td>	2063	QY <td>429</td> <td>QY <td>0</td> <td>QY <td>5</td> </td></td>	429	QY <td>0</td> <td>QY <td>5</td> </td>	0	QY <td>5</td>	5
QY <td>2 AspProaspSeraspGlnProleuaspSerleuaspVallysfProleuarglyfProarg</td> <td>QY <td>219</td> <td>QY</td> <td>219</td> <td>QY</td> <td>219</td> <td>QY</td> <td>219</td> </td>	2 AspProaspSeraspGlnProleuaspSerleuaspVallysfProleuarglyfProarg	QY <td>219</td> <td>QY</td> <td>219</td> <td>QY</td> <td>219</td> <td>QY</td> <td>219</td>	219	QY	219	QY	219	QY	219
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QY	42	QY	42	QY	42	QY	42	QY	42
QY	339	QY	339	QY	339	QY	339	QY	339
QY	62	QY	62	QY	62	QY	62	QY	62
QY	399	QY	399	QY	399	QY	399	QY	399
QY	82	QY	82	QY	82	QY	82	QY	82
QY	459	QY	459	QY	459	QY	459	QY	459
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QY	122	QY	122	QY	122	QY	122	QY	122
QY	579	QY	579	QY	579	QY	579	QY	579
QY	142	QY	142	QY	142	QY	142	QY	142
QY	639	QY	639	QY	639	QY	639	QY	639
QY	152	QY	152	QY	152	QY	152	QY	152
QY	664	QY	664	QY	664	QY	664	QY	664
QY	182	QY	182	QY	182	QY	182	QY	182
QY	744	QY	744	QY	744	QY	744	QY	744
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QY	804	QY	804	QY	804	QY	804	QY	804
QY	222	QY	222	QY	222	QY	222	QY	222
QY	864	QY	864	QY	864	QY	864	QY	864
QY	242	QY	242	QY	242	QY	242	QY	242
QY	924	QY	924	QY	924	QY	924	QY	924
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QY	984	QY	984	QY	984	QY	984	QY	984
QY	282	QY	282	QY	282	QY	282	QY	282

Db 984 AAACGGGAGCTTCCCATCCCTGCTGGCCAGATCATCATGATTCAACCCC 1043
 Qy 282 MetTyrProLysAspAsnAsp11ealaleuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGAAAGATGACATCGCCCTCATGAAAGTCGAGTTCCCACTTCTTCA 1103
 Qy 302 G1YThrValArgPro11eCysLeuProPhePheAspG1uGlnLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATCTGCTGCTTCTTTGATGAGAGCTCACTCCAGCCACCCCA 1163
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 Db 1164 CTCTGATCATTTGATGATGGGGCTTTTACAGAGAGATGAGAGAGATGTCGATCTCTG 1223
 Qy 342 LeuGln1aSerValGlnVal11eAspSerThrArgCysAsn1aAspAsp1aTYrGln 361
 Db 1224 CTGCAAGGCTCATGCTCAGGATCATTTGACGACACAGGTGACATGACAGATGCGTACAG 1283
 Qy 362 G1YGLuVal1ThrG1uLysMetMetCysAlaG1Y11eProG1uG1YGLYValAspThrCys 381
 Db 1284 GGGGAAGTCACCGAAGATGATGTGTGCAAGGATCCCGAAGGGGGGTGTGACACCTGC 1343
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 Db 1344 CAGGTACACGTGTGGGCCCCCTGATGTACCAATGACACAGTGGCATGTGGTGGGCATC 1403
 Qy 402 ValSerTPG1YTYrG1YCYsG1YGLYProSerThrProG1YVal1TYrThrLysValSer 421
 Db 1404 GTTAGCTGGGGCTATGCTGCGGGGGCCGACGACCCCGAGATTAACCAAGGTCTCA 1463
 Qy 422 AlATYrLeuAsnTPP11eTYrAsnVal1TP1YsAlaG1uLeu 435
 Db 1464 GCCTATCTCACTGATCATTAACAATGTCTGGAGGCTGAGCTG 1505

RESULT 112
 US-10-013-913A-274
 / Sequence 274, Application US/10013913A
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnovers, Luc
 / APPLICANT: Eaton, Dan I.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2830P1C40
 / CURRENT APPLICATION NUMBER: US/10/013,913A
 / PRIORITY FILING DATE: 2002-07-15
 / Prior Application removed - See File Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 477
 / SEQ ID NO 274
 / LENGTH: 2063
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-10-013-913A-274

Alignment Scores:
 Pred. No.: 0
 Score: 2297.50
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-013-913A-274 (1-2063)
 Qy 2 AspProAspSerAspG1nProLeuAsnSerLeuAspVal1LYsProLeuArgLysProArg 21
 Db 219 GATCTGACAGATGATCAACTCTGAAAGAGCTCCAGATGTCACAAACCCCTCGCAACCCCTG 278
 Qy 22 11eProMetG1uThrPheArgLysValG1Y11ePro11e11e11ealaleuLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATGCCCATCATCATAGCACTTACAGCTG 338
 Qy 42 AlAser11e11e11eVal1Val1Val1Leu11eVal11eLeuAsp11eTYrTYrPheLeu 61
 Db 339 GCGAGATCATCATTTGTGTGTCTCTCATCAAGGTATTCGTGAATAATCTACTTCTTC 398
 Qy 62 CysG1YGLnProLeuH1sPhe11eProArgLysGlnLeuCysAspG1YGLYLeuAspCys 81
 Db 399 TCCGGGAGCCCTCCCATCTTCATCCGAGAAAGAGCTGTGTGACGAGAGCTGACTGT 458
 Qy 82 ProLeuG1YGLYAspG1uGlnH1sCysVal1YsSerPheProG1uG1YProAlaValAla 101
 Db 459 CCTTGGGGGAGAGACGAGAGACCTGTGTCAAGAGCTTCCCGAAGGGGCTCGACGTGGCA 518
 Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnVal1LeuAspSer1aThrG1YAsnTP 121
 Db 519 GTCCGCTCTCCAAAGACCGATCCACATGCTGAGGTGTGCACTGGCCACAGGGAACCTG 578
 Qy 122 PheSer1aCysPheAspAsnPheThrGlnAla1eLeuAlaG1uThr1aCysArgGlnMet 141
 Db 579 TTTCTCTCCCTTTTCACAACTTCACAGAAAGCTTCTGTGAGACACCTGTAGGCGAGATG 638
 Qy 142 G1YTYrSerSerLysProThrPheArgAlaValG1u11eG1YProAspG1nAspLeuAsp 161
 Db 639 GGTACAGC-----AGAGCTGTGGAATTTGGCCACAGCAAGATCTGGAT 683
 Qy 162 Val1ValG1u11eThrG1uAsnSerG1ng1uLysArgMetArgAsnSerSerG1YProCys 181
 Db 684 GTTGTGTAATTCACAGAAAGACGAGCTTGTGATGCGAATCGAATCAAGTGGCCCTGT 743
 Qy 182 LeuSerG1YSerLeuValSerLeuH1sCysAla1CYsG1YLYsSerLeuLysThrPro 201
 Db 744 CTCTCAGGCTCCCTGGTCTCCCTGACATCTCTTGGCTGTGGAGAGCTGAAAGCCCCC 803
 Qy 202 ArgValAlaG1YGLYGLYGLYAspVal1AspSerTPProTPG1nValSer11eGln 221
 Db 804 CGTGTGTGTGTGGGAGAGGCTCTGTGTGATCTTGGCTTGGCAAGTACAGATCCAG 863
 Qy 222 TYrAspLysG1nH1sVal1CYsG1YGLYSer11eLeuAspProH1sTPVal1LeuThrAla 241
 Db 864 TACAGCAACACACACATCTCTGTGAGAGGAGCATCTGAGCCCCCATCTGGCTTCACGCGCA 923
 Qy 242 AlAH1sCYsPheArgLysH1sThrAspVal1PheAsnTP1YsVal1ArgAlaG1YSerAsp 261
 Db 924 GCCCACTGCTTCAGAAACATACGATGTGTTCACATGAGAGGTCCGGGAGGCTTCAGAC 983
 Qy 262 LysLeuG1YSerPheProSerLeuAlaValAlaLys11e11e11e11eG1uPheAsnPro 281
 Db 984 AAACGGGAGCTTCCCATCCCTGCTGTGGCCAAAGATCATCATGATTGAATCAACCCC 1043
 Qy 282 MetTyrProLysAspAsnAsp11ealaleuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGAAAGATGACATCGCCCTCATGAAAGTCGAGTTCCCACTTCTTCTCA 1103
 Qy 302 G1YThrValArgPro11eCYsLeuProPhePheAspG1uGlnLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATCTGCTGCTTCTTTGATGAGAGCTCACTCCAGCCACCCCA 1163
 Qy 322 LeuTrop11e11eG1YTPG1YpHeThrLysGlnAsnG1YGLYsMetSerAsp11eLeu 341
 Db 1164 CTCTGATCATTTGATGATGGGGCTTTTACAGAGAGATGAGAGAGATGTCGATCAATACG 1223
 Qy 342 LeuGln1aSerValGlnVal11eAspSerThrArgCysAsn1aAspAsp1aTYrGln 361
 Db 1224 CTGCAAGGCTCATGCTCAGGATCATTTGACGACACAGGTGACATGACAGATGCGTACAG 1283

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QY 362 G1ygluValThrGluLysMetMetCysAlaGlyIleProGluGluGlyValAspThrCys 381
DB 1284 GGGGAGATGACCCGAGAGATATGTGTGCAGGCATCCCGAAGGGGGTGTGACACCTGC 1343
QY 382 G1ng1yAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValValGlyIle 401
DB 1344 CAGGGTGAAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGCATC 1403
QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1404 GTTAGCTGGGGCTATGTGGTGGGGGGCCGAGACCCGAGAGATATACACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTyrPleTyrAsnValTyrPlyValGluLeu 435
DB 1464 GCCTATCTCACTGATCTCAATGTCTGGAAGGCTGAGCTG 1505

RESULT 113
US-10-013-915A-274
; Sequence 274, Application US/10013915A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PLC37
; CURRENT APPLICATION NUMBER: US/10/013,915A
; PRIORITY FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-013-915A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-013-915A-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCTGACAGTGAATCACTCTGAAACAGCTCGATGTCAACCCCTGGGCAAAACCCCT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACACTGAGCCTG 338
QY 42 AlaSerIleIleIleValValLeuIleValIleValIleLeuAspLysTyrTyrPheLeu 61
DB 339 GGAGATATCATATGTGTGTGTCTTCATCAAGGTATTCGTGATTAATATCACTTCTTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TCGCGGACAGCTCTCTCACTTCAATCCGAGGAAGACAGCTGTGTGACGAGAGCTGACTGT 458

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QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCGTTGGGGAGAGACGAGAGACATGTGTCAAGAGCTTCCCGAAGGGGCTGCAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
DB 519 GTCCGCTCTTCAAGAGACCGATCCACTGCAAGGTGTGTGAGCTGGGCAAGGGAATCGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGluMet 141
DB 579 TTCTCTGCTGTTCGACAACTTCAAGAACTCTCTGAGACAGGCTGTAGGCAATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GCGTACAGC-----AGAGCTGTGAGATGTGGCCAGACAGAGATCTGGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAAATCAGAGAAACAGCCAGGAGCTTCGATGCGGAATCAAGTGGGCTGTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysValLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAGGCTCCCTGTCTCTCCCTGACTGTCTGTGCTGTGAGAGAGCTGAAGACCTGAAGACCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
DB 804 CGTGTGTGGGTGGGAGAGAGGCTCTGTGATCTTGGCTTGGCAGTGCATGCATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrPlyValLeuThrAla 241
DB 864 TACGACAAACAGCAGCTGTGTGAGAGAGCATCTCGAACCCCACTGGGTCTTCAAGGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTyrPlyValArgAlaGlySerAsp 261
DB 924 GCCACATCTCTTCAAGAAACATACCATGTGTTCATCTGAAGTGTGGAGGTGGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
DB 984 AAACGTGGAGCTTCCATCTCCCTGTGGCTGTGGCCAGATCATCATATTGAATTCAACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTATCCCAAGAAAGCAATGATGCTCATGAAGCTGAGCTCCACTCATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTTCTTGTATGAGAGAGCTCAGCCAGCCCA 1163
QY 322 LeuTyrIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGAGGGCTTTTACGAAGCAAGATGAGAGGAGATGTCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAGGCTGATGATCAAGTCAATTCACAGCACAGGTGCAAGTGCAGATCGTACAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB 1284 GGGGAGATGACCCGAGAGATATGTGTGCAGGCATCCCGAAGGGGGTGTGACACCTGC 1343
QY 382 G1ng1yAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValValGlyIle 401
DB 1344 CAGGGTGAAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGCATC 1403
QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1404 GTTAGCTGGGGCTATGTGGTGGGGGGCCGAGACCCGAGAGATATACACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTyrPleTyrAsnValTyrPlyValGluLeu 435
DB 1464 GCCTATCTCACTGATCTCAATGTCTGGAAGGCTGAGCTG 1505

```


RESULT 114

US-10-015-385A-274
 ; Sequence 274, Application US/10015385A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2830P1C51
 ; CURRENT FILING DATE: 2002-07-25
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-015-385A-274

Alignment Scores:

Pred. No.: 0
 Score: 2297.50
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Matches: 2063
 Conservative: 429
 Mismatches: 0
 Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-385A-274 (1-2063)

QY 2 AASPProASPSeRASPInPProLeuAenSeriLeuAenValPProLeuAenRgLySProArg 21
 DB 219 GATCCGACAGGATGATCACTCTGAAAGAGCTCGATGTAACCCCTCGGCAAAACCCCGT 278
 QY 22 ILeProMeRGLuThPheARgLySValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 DB 279 ATCCCGATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATAGCACTAGAGCTCG 338
 QY 42 AlaSerIleIleIleValValValLeuIleLySValIleLeuAenLySValIleLeu 61
 DB 339 GCGAGTATCATATGTTGTTCTCTCATCAAGGATTCGATTAATATCTACTCTCTC 398
 QY 62 CySGLyGInPProLeuHiSPhelIeProARgLySLeuCySASPGLyGInLeuAenCyS 81
 DB 399 TGGCGGAGCCTCTCCACTCATCCGAGAGAGCGGTGTGACGAGAGAGCTGACTGT 458
 QY 82 ProLeuGLyGInAASPGLuGLuHiSValValLySLeuPheProGLyGInProAlaValAla 101
 DB 459 CCTTTGGGGAG 518
 QY 102 ValArgLeuSerLySASPArgSerThrLeuGInValLeuAenSeriAlaThrArgLyS 121
 DB 519 GTCCGCTCTCCAG 578
 QY 122 PheSerAlaCySPheASPASPASPASPASPASPASPASPASPASPASPASPASPASPASP 141
 DB 579 TTCT 638
 QY 142 GlyTyrSerSerLySProThrPheARgAlaValGInIleLySProSeriAlaValAen 161
 DB 639 GGCTACAGC-----AAGCTGTGAGAGATTGGCCCAAGACAGAGATCTGAT 683

QY 162 ValValGInIleThrGInAenSeriGInIleLeuAenMetArgASerSerGlyProCyS 181
 DB 684 GTTGTGATATCACAAGAAACAGCCAGAGCTTCGATCGAGACTCAAGTGGCCCTGT 743
 QY 182 LeuSerGlySeriLeuValSeriLeuHiSValLeuAlaCySGLySeriLeuLySThrPro 201
 DB 744 CTTCAGGCTCTCTGATCTCCCTGCACTGTCTTGTGCTGGGAGAGAGCTGAGAGAGAG 803
 QY 202 ArgValValGlyGInIleGInIleAenSeriValAenSeriTPProThrGInValSeriLeu 221
 DB 804 CGTGTGTGGTGGGAG 863
 QY 222 TyrASPLySGInHiSValCySGLySeriLeuAenProHiSThrValLeuThrAla 241
 DB 864 TACGACAAACAGACAGTCTGTGAGAGAGAGATCTCGAGAGAGAGAGAGAGAGAGAG 923
 QY 242 AlaHiSValPheARgLySValSeriValPheAenTPProLySValArgAlaGlySeriAsp 261
 DB 924 GCCCACTGCTTCAGAGAAACATACGATGTTTCACTGAGAGAGAGAGAGAGAGAGAG 983
 QY 262 LysLeuGlySerPheProSeriLeuAlaValAlaValIleIleIleIleIleIleIleIle 281
 DB 984 AACTGGGAGAGCTTCATCCCTGCTGTGGCCAAAGATCATCATGATTAATCAACCC 1043
 QY 282 MetTyrProLySASPASPASPASPASPASPASPASPASPASPASPASPASPASPASP 301
 DB 1044 ATGTACCCCAAGACATGATGATGCTGCTCTTGTATGAGAGAGCTCACTCAGCACTTCTCA 1103
 QY 302 GlyThrValArgProIleCySLeuProPhePheASPGLuGInLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTCAGGCCCATCTGCTGCTCTTGTATGAGAGAGCTCACTCAGCACTTCTCA 1163
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrLySGInAenGlyGlyLySLeuSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGGATGGGCTTTTACAGAGCAAAAGAGAGAGAGAGAGAGAGAGAGAG 1223
 QY 342 LeuGInAlaSerValGInValIleAenSeriThrArgCySAsnAlaASPASPAlaTyrGIn 361
 DB 1224 CTGAGAGCGTCAGATCGACAGATTCATTCACAGACAGCGGTGACATGACAGATCGTACAG 1283
 QY 362 GlyValValThrGInLySLeuMetCySAlaGlyIleProGInGlyGlyValAspThrCyS 381
 DB 1284 GGGAGATCACCGAG 1343
 QY 382 GlyGlyASPSeRGLyGlyProLeuMetTyrGInSeriASPGLInTrpHiSValValGlyIle 401
 DB 1344 CAGGCTGACAGATGTGGGCGCCCTGATGATCAATCTGACAGAGAGAGAGAGAGAGAG 1403
 QY 402 ValSerTrpGlyTyrGlyCySGLySeriLeuPheProGlyValTyrThrLySValSer 421
 DB 1404 GTTACGTGGGCTATATGGCTGCGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1463
 QY 422 AlaTyrLeuAenTrpIleTyrAsnValTyrLySAlaGInLeu 435
 DB 1464 GCCTATCTCACTGATTCATCAATGTCTGAAAGGTGAGCTG 1505

RESULT 115

US-10-015-386A-274
 ; Sequence 274, Application US/10015386A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James

Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-387A-274 (1-2063)

QY 2 AAPPProApsSerApsGlnProLeuAnSerLeuApsVallySProLeuAglYsProAglY 21
 DB 219 GATCTGACAGTGAATCACTTGAACAGCTTCGATGTCAAAACCCCTGCGCAACCCCGT 278
 QY 22 ILeProMetGluThrPheArglyValGlyIleProIleIleIleAlaLeuSerLeu 41
 DB 279 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCAGCATCTAGACTG 338
 QY 42 AlaserIleIleIleValValValLeuIleValIleValIleValIleValIleValIle 61
 DB 339 GCGAGTATCATCATTTGGTGTGCTCTCATCAAGGTGATTCGGATTAATACTACTTCTC 398
 QY 62 CyGlglyGlnProLeuNHISpHeIleProAglYsGlnLeuCySAspGlyGluLeuApsCyS 81
 DB 399 TGCAGGAGAGCTCTCCACTTCATCCGAGAGAGAGCTGTGTGACGAGAGAGCTGAGT 458
 QY 82 ProLeuGlyGluApsGlyGlnHISCySVallySProIlePheProGlyProAlaValAla 101
 DB 459 CCCTTGGGGAG 518
 QY 102 ValArgLeuSerLySAspArgSerThrLeuGlnValLeuApsSerAlaThrGlyAenTrp 121
 DB 519 GTCCGCTCTCCAG 578
 QY 122 PheSerAlaCySAspApsApsApsApsApsApsApsApsApsApsApsApsApsAps 141
 DB 579 TTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 638
 QY 142 GlyTyrSerSerLySProThrPheArgAlaValGlyIleGlyProApsGlnApsLeuAps 161
 DB 639 GGCTACAGC-----AGAGCTGTGAGAGATTTGGCCAGAGAGAGAGAGAGATTCGAT 683
 QY 162 ValValGluIleThrGluApsSerGlnGluLeuArgMetArgApsSerGlyProCyS 181
 DB 684 GTTGTGAATATCAACAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
 QY 182 LeuSerGlySerLeuValSerLeuNHISCySLeuAlaCySgLySLeuSerLeuThrPro 201
 DB 744 CTCTAGAGCTCTCTGCT 803
 QY 202 ArgValValGlyGlyGluGlnAlaSerValApsSerTrpProGlnValSerIleGln 221
 DB 804 CGT 863
 QY 222 TyrApsLySglnHISValCySgLySLeuIleLeuApsProHISTrpValLeuThrAla 241
 DB 864 TACGACAAACAG 923
 QY 242 AlAHISCySAspArgLySHISThrApsValPheAenTrpLySValAlaGlySerAps 261
 DB 924 GCCCACTGCTTCAGAGAAACATACCGATGTCTTCACTGGAAGGTGCGGAGAGGCTCAG 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleIleIleIleIle 281
 DB 984 AAACCTGGAG 1043
 QY 282 MetTyrProLySAspApsApsIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAG 1103
 QY 302 GlyThrValArgProIleCySLeuProPheApsGlyGlnLeuThrProAlaThrPro 321
 DB 1104 GGCAGAGTCAAGCCCATCTGTGCTCTTGTGATAGAGAGAGAGAGAGAGAGAGAGAG 1163
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrLySglnApsGlyGlyLysMetSerApsIleLeu 341

DB 1164 CTCTGAGTCAATGATGGGCTTTACAGACAGATGAGAGAGAGAGAGAGAGAGAG 1223
 QY 342 LeuGlnAlaSerValGlnValIleApsSerThrArgCySAsnAlaApsApsAlaTyrGln 361
 DB 1224 CTGCAAGCCGTCAAGTCCAGGTGATTCATTCAGACACAGCGTGAATGAGAGAGAG 1283
 QY 362 GlyGluValThrGlyLysMetCySAlaGlyIleProGlnGlyGlyValApsThrCyS 381
 DB 1284 GGGAGAGTCAACGAG 1343
 QY 382 GlnGlyApsSerGlyGlyProLeuMetTyrGlnSerApsGlnTrpHISValValGlyIle 401
 DB 1344 CAGGAGTCAAGTGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1403
 QY 402 ValSerTrpGlyTyrGlyCySgLySProSerThrProGlyValIleThrLySValSer 421
 DB 1404 GTTACCTGAGGCTATAGCTGTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1463
 QY 422 AlaTyrLeuAenTrpIleTyrApsValTrpLySAlaGluLeu 435
 DB 1464 GCCTATCTCAACTGGATTCATATGTCTGAGAGAGCTGAGCTG 1505

RESULT 117

US-10-015-388A-274
 ; Sequence 274, Application US/10015388A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan J.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Pao, Nicholas F.
 ; TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1C44
 ; CURRENT APPLICATION NUMBER: US/10/015,388A
 ; PRIORITY FILING DATE: 2002-07-15
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-015-388A-274

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-388A-274 (1-2063)

QY 2 AAPPProApsSerApsGlnProLeuAnSerLeuApsVallySProLeuAglYsProAglY 21
 DB 219 GATCTGACAGTGAATCACTTGAACAGCTTCGATGTCAAAACCCCTGCGCAACCCCGT 278
 QY 22 ILeProMetGluThrPheArglyValGlyIleProIleIleIleAlaLeuSerLeu 41
 DB 279 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCAGCATCTAGACTG 338
 QY 42 AlaserIleIleIleValValValLeuIleValIleValIleValIleValIleValIle 61


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QY 222 TyraAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleTyrValIleuThrAla 241
DB 864 TACACAAACAGCAGCTGTGGAGGAGCAATCTTGAAGCCCACTGGGTCTTCAACGGCA 923
QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTyrValArgAlaGlySerAsp 261
DB 924 GCCACATGCTTCAAGAAACATACCGATGTGTTCAACTGGAAAGTGGCGGAGGCTCAAGC 983
QY 262 LysLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleIleGlnPheAsnPro 281
DB 984 AAACGGGCACTTCCCATCCCTGGCTGTGGCCAAAGATCATCATTAATTCACACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGAACATGACATCCCTCATGAAAGCTGCAAGTTCCTCATCTTCTTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnIleuThrProAlaThrPro 321
DB 1104 GGCAACAGCAGGCCCATCTGTCTGTCCCTTTGTATGAGAGCTCACTCCAGCCACCCCA 1163
QY 322 LeuTyrIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGGCTTTTACAGCAGATGAGAGGAGATGTCTGACATCTCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGACGGGGTCAAGTCAAGTCAATGACAGACACAGGTGCATGACAGAGCGATACAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
DB 1284 GGGGAGTCAACCGAAGAAATGATGTGTGACAGCATCCCGAAGGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValIleGlyIle 401
DB 1344 CAGGTGACAGTGGTGGGGCCCTGATGACCAATCTGACAGTGCAGTGGTGGGGCATC 1403
QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIleValSer 421
DB 1404 GTTAGCTGGGGTAAAGCTGCGGGGGCCCGAGCACCCCGAGATACCAAGAGTCTCA 1463
QY 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLysAlaGlnLeu 435
DB 1464 GCTTATCTCACTGATCTTACATGTCTGGAAGGCTGAGCTG 1505

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PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-015-392A-274
Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1
US-10-803-530-2 (1-435) x US-10-015-392A-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuAlaArgProArg 21
DB 219 GATCTGACAGTGAATCAACCTCTGAACAGCTCGATGTCAAACTCTGGCAAACTCGT 278
QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 219 ATCCCATGAGACCTTCAAGAAAGTGGGATCCCATCATCATATGACATAGAGCTCG 338
QY 42 AlaSerIleIleIleValIleValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB 339 GCGAGTATCATCATTTGTGTGTCTCTCATCAAGGTGATTCGGAATTAATTAATCTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
DB 399 TCCGGGAGCCCTCTCCATTCATCCCGAAGAGCAGCTGTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGluAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla 101
DB 459 CCTTTGGGGAGAGAGAGAGAGAGCTGTGTCAAGAGCTTCCCGAAGGGGCTGCAAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTyr 121
DB 519 GTCGCCCTCTCAAGAGCCGATCCACATGCAAGGTGTGCACTCGGCCCAAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysAspArgIleMet 141
DB 579 TTCTCTGCTGTTTGAACAACCTTCAAGAGCTCTCGTGAACAGCTGTGTGAGAGAGTG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCCTACAGC-----AGAGCTGTGAGATTGGCCCAAGCAAGATCTGGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnLeuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATACAGAGAAACAGCAGAGAGCTTCCATGCGGAACATCAAGTGGGCTGTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAGGCTCCTGCTGCTCTGCACTGTCTTGGTGGAGAGGCTGAAAGACCCC 803
QY 202 ArgValValGlyGlyGlnGlnLaseValAspSerTyrProTyrGlnValSerIleGln 221

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Db	804	CGTGTGGTGGGTGGGAGGAGCGCTCTGTGGATCTTGCGCTTGCGAGGTCCAGATTCAG	863
QY	222	TYZASPLYSGLINHISVALCYSGIYGLISERTILEUAPPROHISTRPVALLLEUTHALA	241
Db	864	TACGACAAACGACACGTCTGTGTGAGGAGACATCTTGAGCCCCCATGAGGTCTTCACGGCA	923
QY	242	ALHISCYSPHEAAGLYSHISTRHASPVALPHEASNTPLYSVALARGALAGYSERASP	261
Db	924	GCCCACTGCTTCAGGAAACATACCGAGTGTCTCAACTGAGGAGGTCGGGCGGCTCAGAC	983
QY	262	LYSELUGLYSERPHEPROSERLEUALVALALYSLELEILEILEGILPHEANPRO	281
Db	984	AAACTGGGCGCTTCCTCCATCCCTGCGCTGTGACCAAGTACATCATATGAAATCAACCCC	1043
QY	282	METTYTPROLYSAPHSNAPPIEALALEUMETLYSELUINPHEPROLEUTHRPHESER	301
Db	1044	ATGTACCCCAAAAGACATGACATCGCCCTCATGAGCTGACATTCCTCACTTCTCA	1103
QY	302	GLYTHVALARPROLYCYSEUPROPHESPHEASGLULEUTHRPROALATHPRO	321
Db	1104	GGCAGCAGTCAGGCGCATCTGTCTGCGCTCTTTGATGAGAGAGTCACTCCACCAACCCCA	1163
QY	322	LEUTPLILEILEGLYTRPGLYPHEATHRLYSGLNASGLYGLYLYSWESERAPPILEUEN	341
Db	1164	CTCTGATCATTTGGAATGGGGCTTTACGAAGCAGAAATGAGGGAGAGTGTCTACATACG	1223
QY	342	LEUGINALASERVALGINVALILEAPSERTRARCYASNALAASAPNALATYRGLIN	361
Db	1224	CTGCAGGCGCTCAGTCCAGGTCAATTGACACACACGGTGAATGCACAGCATGCTGACAG	1283
QY	362	GLYGLIUALTHGLULYSWETWCYSALAGIYILEPROGLUGLYGLYVALASPTHRCYS	381
Db	1284	GGGGAAGTACCGAAGAAATGATGTGTGCAGGCAATCCGGAAGGGGGTGTGGACACCTGC	1343
QY	382	GLNGLYAASPSEGLYGLYPROLEUMETYRGINSETRAPGINTPHISVALVALGLYILE	401
Db	1344	CAGGCTGACAGTGTGTGGGCGCTGTATGTACATCTGACAGTGGCAATGTGTGTGGCATTC	1403
QY	402	VALSERTRPGLYTYRGLYCYSGIYGLYPROSETRHPRGILYVALTYRTHLYSEVALSER	421
Db	1404	GTTAGCTGGGGCTTAAAGCTGCGGGGGCCCGAGACCCAGGAGGATTAACCAAGTCTCA	1463
QY	422	ALATYRLEUASNTPLILETYRASNVALTRPLYSALAGILEUEN	435
Db	1464	GCTATATCTCACTGATCTCAATGTCTGGAAGGCTGAGCTG	1505
RESULT 121			
US-10-015-394A-274			
Sequence 274, Application US/10015394A			
GENERAL INFORMATION:			
APPLICANT: Baker, Kevin P.			
APPLICANT: Bosteyer, David			
APPLICANT: Desnoyers, Luc			
APPLICANT: Eaton, Dan L.			
APPLICANT: Ferrara, Napoleone			
APPLICANT: Fong, Sherman			
APPLICANT: Gao, Wei-Qiang			
APPLICANT: Goddard, Audrey			
APPLICANT: Godowski, Paul J.			
APPLICANT: Grimaldi, Christopher J.			
APPLICANT: Gurney, Austin L.			
APPLICANT: Hillan, Kenneth J.			
APPLICANT: Pan, James			
APPLICANT: Paoni, Nicholas F.			
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic			
FILE REFERENCE: P2830P1C41			
CURRENT APPLICATION NUMBER: US/10/015,394A			
PRIOR FILING DATE: 2001-12-11			
PRIOR APPLICATION NUMBER: 60/098716			
PRIOR FILING DATE: 1998-09-01			
PRIOR APPLICATION NUMBER: 60/098723			

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| PRIOR FILING DATE: 1998-09-01
| PRIOR APPLICATION NUMBER: 60/098749
| PRIOR FILING DATE: 1998-09-01
| PRIOR APPLICATION NUMBER: 60/098750
| PRIOR FILING DATE: 1998-09-01
| PRIOR APPLICATION NUMBER: 60/098803
| PRIOR FILING DATE: 1998-09-02
| PRIOR APPLICATION NUMBER: 60/098821
| PRIOR FILING DATE: 1998-09-02
| PRIOR APPLICATION NUMBER: 60/098843
| PRIOR FILING DATE: 1998-09-02
| PRIOR APPLICATION NUMBER: 60/099536
| PRIOR FILING DATE: 1998-09-09
| PRIOR APPLICATION NUMBER: 60/099596
| PRIOR FILING DATE: 1998-09-09
| PRIOR APPLICATION NUMBER: 60/099598
| Remaining Prior Application data removed - See File Wrapper or PALM.
| NUMBER OF SEQ ID NOS: 477
| SEQ ID NO 274
| LENGTH: 2063
| TYPE: DNA
| ORGANISM: Homo sapiens
US-10-015-394A-274

Alignment Scores:
Pred. No.:      0              Length:       2063
Score:          2297.50        Matches:       429
Percent Similarity:    98.85%   Conservative:    0
Best Local Similarity:  98.85%   Mismatches:     0
Query Match:           98.10%   Indels:         5
                               Gaps:            1

US-10-803-530-2 (1-435) x US-10-015-394A-274 (1-2063)

QY      2 AspProAspSerAspGlnProlLeuAnsSerLeuAspValysProlLeuArglySerProArg 21
Db      219 GATCTCAGCAGTGATCATACCTCGAACACCTCGATGCMAACCCTTGCGAAACCCCTG 27
QY      22 IlePromeIctLurPhearglysValGlylleProlleilealeuleusSerleu 41
Db      279 ATCCCAGTGAAGACTTCGAAGAAGGGGGGATCCCCATCATCATGACACTGAGCCTG 33
QY      42 AlaserilleilevalValleullelysValilleuasplysttyrphelu 61
Db      339 GCAGATATATATTGTGTGTCTCTCATCAAAGGATTCGAGTAATACTACTTTCTTC 39
QY      62 CyeGlyInProlLeuhisPheilleProlargylsglneucybaepgLygluleuAspCyS 81
Db      399 TGGGGCACCTCTCCACTTCATCCCGAAGAGCAGCTGTGTGAGGAGAGCTGACTGT 45
QY      82 ProlengLYGLUAspgLUghihicysvalysserPheprogluglyproAlavalala 101
Db      459 CCTTGGGGAGAGACAAGAGACAGCTGTCCAAGAGCTTCCCGAAGGGCTTCAGTAGGCA 51
QY      102 ValArgLeuSerLyAspArSerThrlengInValleuAspseralatnghiyaentrp 121
Db      519 GTCCGCCCTCTCAAGAGACGATTCACACTGAGAGTCTGCACTGGCCACAGGAACTGG 57
QY      122 PheserAlAcysPheAspAsnPheThrGlUALeuaagluthtalacybatrgImet 141
Db      579 TTCCTGCGCTGTTTCGACAACTTCACAGAGCTCCCTGACAGACGCTGTAGCAGANG 63
QY      142 GlyTyrsErserLySProthrPheArgAlavaIgltllleglyProaspinaspLeuanap 161
Db      639 GGCTACAGC-----AGAGCTGTGAGATTTGGCCACAGCCAGGATTCGAT 68
QY      162 ValValIGluileTrGIUAenSerGIglULeuArgNetARgaenSererglyProcyS 181
Db      664 GTTGTGAAATCAACAGAAAACAGCAAGAGACTTCGATGGGAATCAAGTGGGCCCTGT 74
QY      182 LeuSerGIYSerLeuValSerLeuHisCYseuALCYgeLIySserleuluYthrPro 201
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Db 744 CTTCAGAGCTCCCTGCTCTCCCTGCACTGCTGCTGGGAAGAGCTGAGACCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerProTyrGlnValSerIleGln 221
Db 804 CGTGTGGGTGGGGAGAGAGCCCTGTGTGATTTTGGCTGGCAGGTGACATCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla 241
Db 864 TACGACAAACAGCAGCTGTGTGGAGAGCATTCCGAGCCCACTGGGTCTTCACGGCA 923
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTyrLysValArgAlaGlySerAsp 261
Db 924 GCCACCTGCTTCAGGAACATACCGATGTGTCACTGGAAGTGGCGGAGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGlnPheAsnPro 281
Db 984 AAACGGGACAGCTCCCATCCCTGCTGTGGCAAGATCATCATTAATTAATCAACCCC 1043
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGACATGACCTCCCTCATGAGCTGAGTTCCCACTCTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATGTGTCTGCTTCTTGTATGAGAGCTCACTCCAGCCACCCCA 1163
Qy 322 LeuTyrIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGGCTTTTACGAAAGCAATGAGAGGAGATGTCTGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGACGGGTGCTACAGGTCAATTGACAGACACCGGTGATGACAGATGCTGACAG 1283
Qy 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
Db 1284 GGGGAAGTCAACGAAAGATGATGTGTGAGGATCCCGAAGGGGGTGTGACACTGTC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValValGlyIle 401
Db 1344 CAGGCTGACAGTGTGGGGCCCTGTGATGACATCTGACAGTGCATGTGTGGGCTTC 1403
Qy 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTACTGGGTGTATGGCTGGCGGGAGCCGAGACACCCGAGATACCAAGGCTTCA 1463
Qy 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLysAlaGluLeu 435
Db 1464 GCCTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505

RESULT 122
US-10-015-395A-274
Sequence 274, Application US/10015395A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Pao, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C57
CURRENT APPLICATION NUMBER: US/10/015,395A
CURRENT FILING DATE: 2001-12-12

US-10-803-530-2 (1-435) x US-10-015-395A-274 (1-2063)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCCTGACATGATCAACCTCTGACAGCTTCGATGCAACCCCTGCGAAACCCCGT 278
Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 279 ATCCCAATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACATCTAGCCTG 338
Qy 42 AlaSerIleIleIleValIleValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
Db 339 GCGATATCATCATTTGTGTGTCTCTCATCAAGGTGATTTCTGGATTAATTAATCTTCTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGCGGAGCCTCTTCACTTCATCCGAGAGAGCAGTGTGAGAGGAGAGTGTGATCTGT 458
Qy 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTGGGGGAGGAGAGAGACATGTGTCAAGACTTCCCGAAGGGCTGTGACATGTGCA 518
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleLeuAspSerAlaThrGlyAsnTyr 121
Db 519 GTCCGCTCTCCAGAGCCGATCCACTGCAAGGTGTGAGTCCGCGCACAGGAGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTGTGCTGTTTGACATCTTCACAGAGCTTCGCTGAGACAGCCTGTAGGAGATG 638
Qy 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGGAGATTGGCCAGACCGAGATCTGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGTAATCAAGAAACAGCAGAGGCTTCGATGCGGAACTCAAGTGGGCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTAGGCTCCCTGTCTCTCTGCACTGTCTGTGGGGAAGAGCTGGAAGACCCCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
Db 804 CGTGTGGGTGGGGAGAGAGCCCTGTGTGATTTTGGCTGGCAGGTGACATCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla 241
Db 864 TACGACAAACAGCAGCTGTGTGGAGAGCATTCCGAGCCCACTGGGTCTTCACGGCA 923
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTyrLysValArgAlaGlySerAsp 261
Db 924 GCCACCTGCTTCAGGAACATACCGATGTGTCACTGGAAGTGGCGGAGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGlnPheAsnPro 281
Db 984 AAACGGGACAGCTCCCATCCCTGCTGTGGCAAGATCATCATTAATTAATCAACCCC 1043

QY 282 MetYrProLyAspAsnAspIleAlaLeuMetLySLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGATACATCCCTCATGAAAGCTGACAGTTCCCATCTTCATCA 1103
 QY 302 G1YThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
 Db 1104 GGCAAGCTACAGGCCCATCTGTCTGCCCTTTGATGAGAGCTCACTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLySglnAsnGlyGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGATCATGTGATGGAGGAGGCTTTACGAAGCAAGATGAGAGGAGATGTCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrgln 361
 Db 1224 CTGACAGCGCTCAGTCCAGTCACTTACACAGCAGGAGTGCATGACAGATGGCTGACCTGC 1283
 QY 362 G1YGIuValThrGlyLysMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
 Db 1284 GGGAGAGTCAACCGAAGATGATGTGACAGGCATCCCGAAGGGGCTGTGCACCTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrglnSerAspGlnTrpHisValValGlyIle 401
 Db 1344 CAGGTGACATGATGTGGGCCCCCTGATGACCAATCTGACCACTGCGATGTGGGCACTC 1403
 QY 402 ValSerTrpGlyTyrglyCysGlyGlyProSerThrProGlyValTyrrHisValSer 421
 Db 1404 GTTAGCTGGGCTATGCTGCTCGGGGGCCGAGCACCCCGAGATATATACCAAGGTCTCA 1463
 QY 422 AlaTyrrLeuAsnTrpIleTyrrAsnValTrpLysAlaGlnLeu 435
 Db 1464 GCCTATCTCAATGATGATCAATGCTGTGAGAGCTGAGCTG 1505

RESULT 123

US-10-015-480A-274
 ; Sequence 274, Application US/10015480A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnovers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1C50
 ; CURRENT APPLICATION NUMBER: US/10/015,480A
 ; PRIOR FILING DATE: 2002-06-25
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-015-480A-274

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conserves: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-480A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 Db 219 GATCTCGACAGATGATCAACTCTGAACAGCTCGATGTCAAAACCCCTCGCAACCCCGT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGAACCTTCAAGAAAGGTGGAGATCCCATCATCATATAGCACTACTAGAGCTCG 338
 QY 42 AlaSerIleIleValValValLeuIleLysValIleLeuAspLysTyrrTyrrPheLeu 61
 Db 339 GCGAGTATCATATGTGGTGTCTCTCATCAAGGTGATTCGTGATTAATCTACTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 Db 399 TCCGGAGAGCTCTCTCATCTTATCCCAAGGAAGCAGCTGTGTGACGAGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGlyAspGlyGlnHisCysValLysSerPheProGlnGlyProAlaValAla 101
 Db 459 CCCTTGGGGAGAGACGAGAGACATGTGTCAAGACTTCCCGAAGGGCTTGCAGCTGGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCTCTTCAAGAGACCATCCACATCCAGGTGCTGGAAGTCTGGCCACAGGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 Db 579 TTTCTGCTGCTGTTTCAACCATTCACAGAAAGCTCTGCTGAGACAGCTGTGAGGAGATG 638
 QY 142 GlyTyrrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGTACAGC-----AGAGCTGTGAGATTTGGCCACAGCATCTCGAT 683
 QY 162 ValValGlnIleThrGlnAsnSerGlnGluArgMetArgAsnSerSerLysProCys 181
 Db 684 GTTCTTAATTCACAGAAACAGCCAGAGCTTGGATCCGGAACCTCAAGTGGGCGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAGGCTCCCTGGTCTCCCTGCATCTGTCTGCTGTGGGAAGACCTCAAGACCCCC 803
 QY 202 ArgValValGlyGlyGlnGlnValSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGGGTGGGAGGAGGCTCTGTGATTTCTTGGCTTGGCAGGTCAAGATCCAG 863
 QY 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThrAla 241
 Db 864 TAGACAAACAGACAGTGTGTGAGAGGACATCTCGAACCCCACTGGGTCTTCAAGCA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 924 GCCCACTGTTTGAAGAAACATACCATGTGTCAACTGAAAGTGGGGGAGGCTCAAGC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
 Db 984 AAACCTGGGAGGTTTCCATCTCTGCTGTGGCAAGATCATCATGTAATTCAAACCCC 1043
 QY 282 MetTyrrProLyAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACAAATGACATGCGCTCATGAAGCTGAGTTCCCACTCATCTTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
 Db 1104 GGCAAGCTACAGGCCCATCTGTCTGCCCTTTGATGAGAGCTCACTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLySglnAsnGlyGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGATCATGTGATGGGCTTTACGAACAGATGAGAGGAGATGTCTGACATATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrgln 361
 Db 1224 CTGACAGCGTCACTCCAGTCACTTACACAGCAGGAGTGCATGACAGATGGCTGACCTGC 1283

Qy 362 G1YGIUValThrGIUlyMeMetCysAlaG1IleProGIUG1YGIYValAspThrCys 381
Db 1284 GGGGAAGTCAACCGAAGATATGTGTCAAGGCAATCCCGAAGGGGGGTGGACACTGC 1343
Qy 382 G1nGIYAspSerGIYGIYProLeuMeTyrgInSerAspGIINTPhIeValGIYIle 401
Db 1344 CAGGGTGAAGTGGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGCATC 1403
Qy 402 ValSerTrpGIYTYrGIYCYeGIYGIYProSerThrProGIYValTYrThrIYValSer 421
Db 1404 GTTAGCTGGGGCTTATGGCTGGGGGGCCCGAGCACCCGAGGATATACCAAGGTCTCA 1463
Qy 422 AlaTYrLeuAsnTrpIleTYrAsnValTrpIYsaIaGIUleu 435
Db 1464 GCCTATCTCAACTGGATCTTCAATGTCTGAAAGCTGAGCTG 1505

RESULT 124
US-10-015-499A-274
Sequence 274, Application US/10015499A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Bocstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830PIC42
CURRENT APPLICATION NUMBER: US/10/015,499A
CURRENT FILING DATE: 2001-12-11
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-015-499A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-499A-274 (1-2063)

Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIYsProLeuArgIYsProArg 21
Db 219 GATCCCTGACAGTGAATCAACCTCTGAAACAGCTCGATGTCAAACCCCTGGCAAAACCCCTC 278
Qy 22 IleProMetGIUThrPhaArgIYsValGIYIleProIleIleAlaLeuSerLeu 41
Db 279 ATCCCCAGAGACCTTCAAGAAAGGGGAGATCCCATATCATATACACTTACAGCTG 338
Qy 42 AlaSerIleIleIleValValIleuIleIYsValIleLeuAspIYsTYrThrPhaLeu 61
Db 339 GCGAGATATCATCTGTGTGTGTCTCCATCAAGGTGATCTGGATTAATACACTTCTC 398
Qy 62 CysGIYGIUProLeuHisPheIleProArgIYsGlnLeuCYaAspGIYGIUleuAspCys 81
Db 399 TCGGGGACAGCTCTCCACTTCAATCCGAGGAAGACAGCTGTGTGACGAGAGCTGAGCTGT 458

Qy 82 ProLeuGIYGIUAspGIUGIUIHisCYeValIYsSerPheProGIUGIYProAlaValAla 101
Db 459 CCTTGGGGAGAGACGAGAGACATGTGTCAAGACTTCCCCGAAAGGGCTGACATGCA 518
Qy 102 ValArgLeuSerIYsAspArgSerThrLeuGlnValLeuAspSerAlaThrGIYAsnTrp 121
Db 519 GTCCGCTCTTCCAAAGGACCGATCACTGAGGTGTGTGGACTGGCCACAGGGAACTGG 578
Qy 122 PheSerAlaCYsPheAspAsnPheThrGIUAlaLeuAlaGIUThrAlaCYaArgIuMet 141
Db 579 TTCCTGTCTTTCGACAACTTCAACAGAGCTCTCGTGAGACAGCTGTAGGCAATG 638
Qy 142 GIYTYrSerSerIYsProThrPheArgAlaValGIUleGIYProAspGlnAspLeuAsp 161
Db 639 GCGTACAGC-----AGAGCTGTGAGATGTGCCCCAGACAGATCTGAT 683
Qy 162 ValValGIUleThrGIUAsnSerGlnIleuArgMeAlaGAsnSerSerGIYProCys 181
Db 684 GTTGTGAATCAAGAAACAGACAGAGCTTGGCATGTGGAGACTCAAGTGGGCCCTGT 743
Qy 182 LeuSerGIYSerLeuValSerLeuHisCYeLeuAlaCYsGIYIYsSerLeuIYsThrPro 201
Db 744 CTCTCAGGCTCCCTGTCTCCCTGCACTGTCTGTGGAGAGAGCTTGAAAGACCC 803
Qy 202 ArgValValGIYGIYGIUAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGGGGTGGAGAGAGAGCTCTGTGATTTGGCTTGGCAGTCAAGATCCAG 863
Qy 222 TYrAspIYsGlnHisValCYeGIYGIYSerIleLeuAspProHisTrpValIleuThrAla 241
Db 864 TACAGAAACAGACAGTGTGTGAGAGAGCATCTCGAACCCCACTGGGTCCTCAAGGCA 923
Qy 242 AlaHisCYsPheArgIYsHisThrAspValPheAsnTrpIYsValArgAlaIYsSerAsp 261
Db 924 GCCACCTCTTCAAGAAACATACAGATGTGTCAACTGAAAGTGCAGGAGGCTCAAGC 983
Qy 262 LysLeuGIYSerPheProSerLeuAlaValAlaIYsIleIleIleGlnPheAsnPro 281
Db 984 AAACGGGACAGCTTCCCATCCCTGGCTGTGGCAAGATCATATGAAATTCAAACCC 1043
Qy 282 MetTYrProLYsAspAspAspIleAlaLeuMetIYsLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACAAATGACATGACCTCTCATGAAGCTGCACTTCCACTCTTCTCA 1103
Qy 302 GIYThrValArgProIleCYeLeuProPheAspGIUGIleuThrProAlaThrPro 321
Db 1104 GGCACAGTCAAGGCCCATGTGTGTGCTTCTTGTATGAGAGACTCATCCACGCCCA 1163
Qy 322 LeuTrpIleIleGIYTYrGIYPhaThrIYsGlnAsnGIYGIYIYsMeSerSerIleLeu 341
Db 1164 CTCTGATCATTTGATGGGGCTTTTACGAAGCAAGATGAGGGAGATGTCTGACATAC 1223
Qy 342 LeuGlnAlaSerValGIUValIleAspSerThrArgCYsAsnAlaAspAspAlaTYrGln 361
Db 1224 CTGCAAGGGGTCACTGACAGTCAATTGACAGACAGGTGATGACAGATCGTACAG 1283
Qy 362 GIYGIUValThrGIUlyMeMetCysAlaG1IleProGIUG1YGIYValAspThrCys 381
Db 1284 GGGGAAGTCAACCGAAGATATGTGTCAAGGCAATCCCGAAGGGGGGTGGACACTGC 1343
Qy 382 G1nGIYAspSerGIYGIYProLeuMeTyrgInSerAspGIINTPhIeValGIYIle 401
Db 1344 CAGGGTGAAGTGGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGCATC 1403
Qy 402 ValSerTrpGIYTYrGIYCYeGIYGIYProSerThrProGIYValTYrThrIYValSer 421
Db 1404 GTTAGCTGGGGCTTATGGCTGGGGGGCCCGAGCACCCGAGGATATACCAAGGTCTCA 1463
Qy 422 AlaTYrLeuAsnTrpIleTYrAsnValTrpIYsaIaGIUleu 435
Db 1464 GCCTATCTCAACTGGATCTTCAATGTCTGAAAGCTGAGCTG 1505

RESULT 125

US-10-015-519A-274
; Sequence 274, Application US/10015519A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C49
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-015-519A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
DB: 40
US-10-803-530-2 (1-435) x US-10-015-519A-274 (1-2063)
QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
Db 219 GATCTGACAGTGTATCAACCTCTGAACAGCTCGATGCAAACTCCGCGCAACCCCGT 278
QY 22 IleProMetGlnThrPheArgIysValGlyIleProIleIleIleIleLeuSerLeu 41
Db 279 ATCCCAATGAGACCTTCAAGAAAGTGGAGATCCCATCATCATATGACATGAGCTG 338
QY 42 AlaserIleIleIleValIleValIleValIleValIleValIleValIleValIleVal 61
Db 339 GCGAGTATCATCATGTTGGTGTCTCATCAAGGTGATTCGGATTAATACTTCTTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCyAspGlyGlnLeuAspCys 81
Db 399 TGGGGGAGAGCTCTCCACTTCATCCGAGAAAGAGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlnIleuAspGlnIleuHisCysValIysSerPheProGlnIleuValIle 101
Db 459 CCTTGGGGAG 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
Db 579 TTCCTCTCCCTGTTTGCACAACTTCACAGAGAGCTCTCCGTGAGACAGCTGAGCAATG 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGAGATGGCCACAGGAGATCTGGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181

Db 684 GTTGTAAATTCACAGAAACAGCCAGAGCTTCGATGCGAATCAATGAGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThrPro 201
Db 744 CTCTCAAGAGCTCCCTGGTCTCCCTGACATGCTGCTGCTGCTGCTGCTGCTGCTGCTG 803
QY 202 ArgValValIleGlnIleGlnIleValIleValIleValIleValIleValIleValIle 221
Db 804 CGTGTGGTGGTGGAG 863
QY 222 TyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTrpValIleuThrAla 241
Db 864 TACGACAAACAGACGCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
QY 924 GCCCACTGCTTACAGAAACATACCGATGTGTCACTGGAAGGTGCGGAGAGCTCAGAC 983
Db 262 IysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleIleIleIleIleIle 281
QY 984 AAACGTGGAGCTTCCATCCCTGCTGTGCGCAAGATCATCATGATTCATTCATTCATTC 1043
Db 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
QY 1044 ATGTACCCCAAAACATGACATGACGCTCATGAAAGCTGCACTGCACTTCTCA 1103
Db 1104 GGCACAGTCAGGCCCATCTGTCTGCTGCTCTTGTGATGAGAGCTCATCCAGCCACCCCA 1163
QY 322 LeuThrIleIleGlyIleThrGlyPheThrIysGlnAsnGlyIysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGAGGGCTTTTACAGACAAATGAGAGAGATGCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAAGGCGTCATCCAGGTCAATTCAGACGACACGCTGCAATGCAACATGCTACAG 1283
QY 362 GlyGlnValIleThrGlnIysMetMetCysAlaGlyIleProGlnIleGlyValAspThrCys 381
Db 1284 GGGAGAGTCAACGAGAAATGATGTGTGACAGGATCCCGAAGGGGTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyIysProLeuMetIysGlnSerAspGlnThrHisValIleGlyIle 401
Db 1344 CAGGTGACAGTGTGGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATG 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyIysProSerThrProGlyValTyrThrIysValSer 421
Db 1404 GTTACGTGGGCTATGTGGCTGGGGGGCCGAGACCCCAAGAGTATACCAAGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGlnLeu 435
Db 1464 GCCTATCTCAACTGATTCATCAATGTCTGAAAGGCTGAGCTG 1505
RESULT 126
US-10-015-610A-274
; Sequence 274, Application US/10015610A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

```

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC52
CURRENT FILING DATE: 2001-12-12
CURRENT FILING DATE: 2001-12-12
PRIORITY APPLICATION NUMBER: 60/098716
PRIORITY APPLICATION NUMBER: 60/098716
PRIORITY APPLICATION NUMBER: 60/098723
PRIORITY APPLICATION NUMBER: 60/098723
PRIORITY APPLICATION NUMBER: 60/098749
PRIORITY APPLICATION NUMBER: 60/098749
PRIORITY APPLICATION NUMBER: 60/098750
PRIORITY APPLICATION NUMBER: 60/098750
PRIORITY APPLICATION NUMBER: 60/098803
PRIORITY APPLICATION NUMBER: 60/098803
PRIORITY APPLICATION NUMBER: 60/098821
PRIORITY APPLICATION NUMBER: 60/098821
PRIORITY APPLICATION NUMBER: 60/098843
PRIORITY APPLICATION NUMBER: 60/098843
PRIORITY APPLICATION NUMBER: 60/099536
PRIORITY APPLICATION NUMBER: 60/099536
PRIORITY APPLICATION NUMBER: 60/099596
PRIORITY APPLICATION NUMBER: 60/099596
PRIORITY APPLICATION NUMBER: 60/099598
PRIORITY APPLICATION NUMBER: 60/099598
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-015-610A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-610A-274 (1-2063)
QY 2 AASPProaspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCCTGACAGTGAACCACTCTGAAACAGCTGATGTCMAACCCCTGGCAAAACCCCTG 278
QY 22 ILeProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCCGAAAGGTGGGATCCCATCATCATATGACACTGAGCTGAGCTG 338
QY 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrPheLeu 61
DB 339 GCGAGTATCATATGTTGTGTCTCTCATCAAGTCAATCTGATTAATACACTTCTCC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
DB 399 TCGGGGAGAGCTCTCCATCTCATCCGAGGAGAGAGCTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGlnAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla 101
DB 459 CCGTTGGGGAGAGACGAGAGAGCACTGTGTCAAGAGGTTCCTCCGAGAGGCTGAGAGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCGCGCTCTCCAGAGGACGATCCACATCGAGGTCTGAGCTCGGCAACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTCTGCGCTGTTTCAACAACCTTCAACAAGAGCTCTGCGAGAGACCTGTAGAGGAG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161

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DB 639 GCGTACAGC-----AGAGCTGTGAGATTGGCCACAGACAGATCTGAT 683
QY 162 ValValGluIleThrGlnAsnSerGlnGluLeuArgMetArgAsnSerGlyProCys 181
DB 684 GTTGTGTAATCAAGAAACAGACAGAGCTTGCATCGGAACTCAAGTGGGCGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAGGCTCCCGTGTCTCCCTGCATCGTCTTGCGTGGGAAAGAGCTGAGACCC 803
QY 202 ArgValValGlyGlyGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGGGTGGGAGAGAGCCCTGTGTGATTTCTGGCTTGGCAGTCAAGATTCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACAGCAACAGACAGCTGTGTGAGGAGGAGATCTGAGACCCCACTGGAGTCTTCAGGCA 923
QY 242 AlaHisCysPheAspGlyHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 924 GCCACCTGCTTCAGGAAACATACGATGTGTTCACTGMAAGTGCAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
DB 984 AAACCTGGCAGCTTCCCATCCCTGCTGTGGCCAGAGATCATCATATGAAATTCAAACCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGAAAGAAAGACATGCGCTCATGAAAGCTGAGTTCACCTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
DB 1104 GCGACAGTCAAGGCCCATGTGTCTGCTGCTCTTTTATGAGAGAGTCACTCCAGCCCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATATGATGAGGCGCTTTTACGAAAGCAATGAGAGGAGATGTCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAAGGAGTCAAGTCAAGTCAATGACAGACAGCGGTGATGACAGATCGTACCG 1283
QY 362 GlyGluValThrGlnLysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381
DB 1284 GGGAGAGTCAACGAAAGATATGTGTGACAGGATCCCGAAGGGGGTGTGACACTG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetLysGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGTTGACAGTGTGGGCGCTGATGTACCAATCTGACAGTGTGATGTGGGCAATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1404 GTTACCTGGGCTATAGGTGCGGGGCGCCAGACACCCAGAGGATATACCAAGGCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
DB 1464 GCTTATCTCACTGATCTTCAATGTCTGAAAGGCTGAGCTG 1505

RESULT 127
US-10-015-653A-274
Sequence 274, Application US/10015653A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.

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; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC43
; CURRENT APPLICATION NUMBER: US/10/015,653A
; PRIORITY FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-015-653A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-653A-274 (1-2063)

QY 2 AspProAaSerAaPrgLProLeuAaSerLeuAaPValLySProLeuAaPrgAaArg 21
Db 219 GATCTGACATGATCAACCTCTGACAGCCTCGATGTCANACCCCTGCGCAACCCCGT 278
QY 22 LLeProMetGluThrPheArgLySValGlyLeuProLeuLeuLeuLeuLeuSerLeu 41
Db 279 ATCCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATAGACATCTAGAGCTG 338
QY 42 AlaSerLeuLeuLeuValValLeuLeuLeuValLeuLeuLeuLeuLeuLeuLeu 61
Db 339 GCGAGTATCATATGATGTTGTTGCTCTCATCAAGGTGATTCGATTAATCTACTTCTTC 398
QY 62 CysGlyLProLeuHisPheLeProArgLySGLuLeuCysAaPrgLyGLuLeuAaPrg 81
Db 399 TGGGGGAGCCTCTCCACTTATCCAGAGAGACGCTGTGTGACGAGAGCTGGACTGT 458
QY 82 ProLeuGlyLLeuAaPrgLLeuHisCysValLySLeuSerPheProGlyLProAlaValAla 101
Db 459 CCTTGGGGGAGAGAGAGACAGCTGTCTCAAGAGCTTCCCGAAGGCGCTGAGTGCA 518
QY 102 ValArgLeuSerLySAsaPrgSerThrLeuGlnValLeuAaSerAlaThrGlyAaSerTrp 121
Db 519 GTCCGCTCTCCAGAGACCATTCACACTGAGGTGCTGAGCTGGCCACAGGGAGACTGG 578
QY 122 PheSerAlaCysPheAaPrgPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTTCTCTGCTGTTTTCGACCACTTCAGAGAGCTTCCTGTGAGACAGCTGTAGGCAATG 638
QY 142 GlyTyrSerSerLySProThrPheArgAlaValGluLeuGlyProAaPrgLLeuAaPrg 161
Db 639 GGCCTACAGC-----AGAGCTGTGAGATTGGCCACAGCCAGGATCTCGAT 683
QY 162 ValValGluLeuThrGluAaSerGlnGluLeuArgLeuArgAaSerSerGlyProCys 181
Db 684 GTTCTTAATCAACAGAAACAGCAGCAGAGCTTGGCATCCGAACTCAAGTGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySLeuSerLeuSerPro 201
Db 744 CTCTCAAGGCTCCCTGCTCTGCTCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 803
QY 202 ArgValValGlyGlyGluGlnAlaSerValAaSerTrpProGlnValSerLeuGln 221
Db 804 CGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 863
QY 222 TyrAspLySGLuHisValCysGlyLySLeuLeuAaPrgProHisTrpValLeuThrAla 241
Db 864 TACGACAAACAGCAGCAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 923
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QY 242 AlaHisCysPheArgLySHisTrpAspValPheAaSerTrpLySValArgAlaGlySerAaPrg 261
Db 924 GCCCACTGCTTACAGAAACATACCGATGTGTTCATCGAAGGTGGGGAGGCTCGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysLeuLeuLeuLeuLeuLeuLeuLeu 281
Db 984 AACTGGGAGCTTCCATCCCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043
QY 282 MetTyrProLySAsaPrgPheLeuAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATGATCGCCCTCATGAGGTGAGTGTCCACATCTTCTCA 1103
QY 302 GlyThrValArgProLysCysLeuProPhePheAaPrgLysGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCGCCATCTCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1163
QY 322 LeuTrpLeuLeuGlyTyrPheThrLysGlnAaSerGlyGlyLysMetSerAaPrgLeu 341
Db 1164 CTCTGATTCATTGGATGGGCTTTTACAGACAGATGAGGAGATGTGTGACATTCG 1223
QY 342 LeuGlnAlaSerValGlnValLeuAaSerThrArgCysAaAlaAaPrgAlaTyrGln 361
Db 1224 CTCAGGCGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyLysProGlyLysGlyValAaPrgThrCys 381
Db 1284 GGGAGAGTCACCGAGAGATGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1343
QY 382 GlnGlyAaSerGlyLysProLeuMetTyrGlnSerAaPrgLysValValGlyLeu 401
Db 1344 CAGGTGTGACAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyLysProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTAGCTGGGCTATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1463
QY 422 AlaTyrLeuAaSerTrpLysPheValTyrPheValAlaGluLeu 435
Db 1464 GCTTATCTCACTGATCTTCAATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1505

RESULT 128
US-10-015-715A-274
; Sequence 274, Application US/10015715A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC56
; CURRENT APPLICATION NUMBER: US/10/015,715A
; PRIORITY FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-015-715A-274

Alignment Scores:
```

Pred. No.: 0
 Score: 2297.50
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-715A-274 (1-2063)

Length: 2063
 Matches: 429
 Conservative: 0
 Mismatches: 0
 Indels: 5
 Gaps: 1

2 AspProaspSerAsglnProleuanserleuaspValysProleuarglyProarg 21
 219 GATCTGACAGTATGACCTCTGAACAGCTCGATGCAACCCCTCGCAACCCCGT 278
 22 IleProMetGluThrPhearglyValylIleProIlelleleleuSerleu 41
 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGCACTAGAGCTG 338
 42 AlaSerIlelleleleValleuIleuIleuValleuAspIleuTyThrPheleu 61
 339 GCGAGTATCATCTGTTGGTGTCTCATCAAGGTGATTCGATTAATCACTTCTC 398
 62 CysGlyGlnProleuHisPheIleProarglyGlnleuCyaspGlyGluLeuaspCys 81
 399 TCGGGGAGCTCTCCACTTCATCCCGAAGACGCTGTGACGAGAGCTGAGTCTGT 458
 82 ProleuGlyGluaspGluHisPheCysVallyserPheProGlyProAlaValAla 101
 459 CCTTTGGGGAGAGAGAGAGACGTGTCAAGAGCTTCCCGAAGGCGCTGAGTGCA 518
 102 ValArgleuSerlyAspArgSerThrleuGlnValleuAspSerAlaThrGlyAsnTrp 121
 519 GTCCGCTCTCCAGAGCCGATCCACACTGCGAGTGTGCTCGGCAAGGGAACTGG 578
 122 PheSerAlaCysPheAspAsnPheThrGlnAlaAlaGluThrAlaCysArgGlnMet 141
 579 TTCTGTGCTGTTCGACACTTCACAGAGCTCGCTGACAGCCGTGAGGAGATG 638
 142 GlyTyrSerSerlyProThrPhearglyValylGluIleGlyProAspGlnAspLeuasp 161
 639 GCGTACAGC-----AGAGCTGGAGATTTGGCGCCAGACAGATCTGAT 683
 162 ValValGluIleThrGluAsnSerGlnleuAspMetArgAsnSerSerGlyProCys 181
 684 GTTGTGAATCAGAAAGAGAGAGGCTTCGATGCGGAACTCAAGTGGGCGCTGT 743
 182 LeuSerGlySerleuValSerleuHisCysleuAlaCysGlylySerleuIleThrPro 201
 744 CTCTCAGGCTCCCTGTCTCCCTGCACTGTCTGTGGGAGAGAGCTGAAAGCCGCC 803
 202 ArgValValylGlyGluGluAlaSerValAspSerTrpProGlnValSerIleGln 221
 804 CGTGTGGTGGGGAGAGAGGCTCTGTGATCTTGGCTTGGAGGTCAGCATTCAG 863
 222 TyrAspLyGlnHisValCysGlylySerIleleuAspProHisTrpValleuThrAla 241
 864 TRCGACAAACAGCAGTCTGTGGAGAGAGCATCTCGAACCCCACTGGGTCTCAAGGGA 923
 242 AlaHisCysPhearglyHisIleThrAspValPheAsnTrpLyValArgAlaGlySerAsp 261
 924 GCCCATGCTTCAGAAACATACCGATGTGTTCACTGGAGAGTGGCGGAGAGCTCAGAGC 983
 262 LybLeuGlySerPheProSerleuAlaValAlaIlelleleleleuIleGluPheAsnPro 281
 984 AAACGGGAGGCTCCCATCTGTGGCTGGGCAAGATATATCATCTTAATTCACACCC 1043
 282 MetTyrProLyAspAsnAspIleAlaIleuMetlyleuGlnPheProleuThrPheSer 301
 1044 AAGTACCCCAAGAGAGATGATACATGCGCTCATGAGAGCTCAGTCCCATCTTCTCA 1103
 302 GlyThrValArgProIleCysleuProPhePheAspGluGluLeuThrProAlaThrPro 321
 1104 GGCACAGTACAGGCCCATCTGTCTGCCCTTCTTGTATGAGAGAGCTCACTCAAGCCCA 1163

322 LeuTrpIlelleleGlyTrpGlyPheThrLySGlnAsnGlylyMetSerAspIleleu 341
 1164 CTCTGATCATTTGGATGGGCTTTTACAGAGAGATGAGGAGATGTCTGACATACCTG 1223
 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyGln 361
 1224 CTGACAGGCTACAGTCCAGATCATTCAGAGCAGCGGTGCATATGACAGAGCGGTACCG 1283
 362 GlyGluValThrGlylyMetMetCysAlaGlyIleProGlyGlyValAspThrCys 381
 1284 GGGGAAATCACCGAAGATATGTGACAGCATCCCGAAGGAGGTGTGACACTTGC 1343
 382 GlnGlyAspSerGlyGlyProleuMetTyGlnSerAspGlnTrpHisValAlaGlyIle 401
 1344 CAGGTGACAGTGTGGGCGCTTCATGACCAATTCAGCAGTGGCAGTGTGGGATC 1403
 402 ValSerTrpGlyTyGlyCysGlylyProSerThrProGlyValTyThrLyValSer 421
 1404 GTTAGCTGGGCTATGCTGGTGGGCGCCGAGCACCCAGAGATATACACCAAGTCTCA 1463
 422 AlaTyrleuAsnTrpIleTyThrAsnValTrpLyAlaGluLeu 435
 1464 GCTTATCTCAACTGATCTTACATGTCTGAAAGGCTGAGCTG 1505

RESULT 129

US-10-015-822A-274
 ; Sequence 274, Application US/10015822A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Deenoyers, Luc
 ; APPLICANT: Baton, Dan I.
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2830P1C38
 ; CURRENT APPLICATION NUMBER: US/10/015,822A
 ; CURRENT FILING DATE: 2002-06-10
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-015-822A-274

Alignment Scores:

Pred. No.: 0
 Score: 2297.50
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-822A-274 (1-2063)

2 AspProaspSerAsglnProleuanserleuaspValysProleuarglyProarg 21
 219 GATCTGACAGTATGACCTCTGAACAGCTCGATGCAACCCCTCGCAACCCCGT 278
 22 IleProMetGluThrPhearglyValylIleProIlelleleleuSerleu 41
 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGCACTAGAGCTG 338

OY		42	AlAserllellellevaValVallleullelvsvallleleuaspuystryrryrrheleu	61
Dd		339	GGAAGATATCATCTTGTGGTTGTCCTCATTCAAGAGTAATCTTGAAATAATCTACTTC	398
OY		62	CysglYglnProleuHisPheIleProArgLYglinLeuCysAsglyglnLeuAapCys	81
Dd		399	TGGGGCACCCCTTCCACTTCACCCGAGGAACACTGTGTACAAGAGCTGGACTGT	458
OY		82	ProLeugLYglnApslglnuHIsCySvalLyseSerPheProslglnProAlaValAla	101
Dd		459	CCCTTGGGGAGGACGAGGAGCACTGTGTCAAAGCTTCCCCGAAGGGCTCGAGTGGCA	518
OY		102	VAlArGLeUSeRlyAsPaRgsSeRThrLLeuGlNalLeuAsPeRalAtThrGIyaEntPr	121
Dd		519	GTCCGCCTTCCAAAGAACCGATCCAACGCAAGTCTGGACCTGGCCACAGGAACCTGG	578
OY		122	PheSeRaLaCySPheaSpAnPheThrGluAlLeuAlaglunhrlaCyAsvGlnmet	141
Dd		579	TTCTCTGCCTGTTTGCACAATTCAAGAAGCTCTGCTGAGCAAGCTGTAGGCAAGT	638
OY		142	GIYTYrSeSerLySBrOThrPhEargAlaValgleYProAspgInAsPLeuAp	161
Dd		639	GGCTACAGC-----AGAGCTGTGAGATTGGCCCAAGCCAGATCTGGAT	683
OY		162	VAlValGlullEtHrcGluAnsErGlnGluArgMetArgAnsErSerGIYPProCYs	181
Dd		684	GTGTGTGAATACACAAAACAGCCAGAGACTTCGATGGGAATCTCAATGGGCCCTGT	743
OY		182	LeuSeRgLYSeRIeuValSeRIeuHISeCySLeuAlCySGLYSeSerLeuLYSThrPro	201
Dd		744	CTCTCAGGCTCCCTGGTCTCCCTGCACCTGTCTTGGTGGAAAGACTTGAAAGACCCC	803
OY		202	ArgValAlaGlYGLYglnGlnAlaservAlaspSerTrpProTrpGlnValSerilegIn	221
Dd		804	CGTGTGTGGTGGGAGGAGGAGGCTCTGTGGAATTTCTTGGCTTGGCAGGTCAGATCCAG	863
OY		222	TYrAsPyLySglnHIsValCySGLYgLYSeRIleuAsPProHIstRPVAlleuthraAla	241
Dd		864	TACGACAAACACACACTGTGTGAGGAGAACCTCTGAAACCCCACTGGGTCTCCAGGGA	923
OY		242	AlAHIsCySPheArgLYshIstrHraPValPheAsnTrpLyValArgAlagIyseAsp	261
Dd		924	GCCCACTGCTTAGAGAAACATACCAGTGTGTCACTGAAAGGTGGCGGAGGCTCAGAC	983
OY		262	LysLeuGLYSeRPhEProSeRleuAlaValAlaySIlellellelglnPheAsnPro	281
Dd		984	AAACTGGGCACTTCCATCCCTGGCTGTGGCCAAATCATCATTTGAATTCAACCCC	104
OY		282	MectTYrProLYAsPaShAspIIleAlaleuMetLySLeuGlnPheProLeuThrPheSer	301
Dd		1044	ATGTACCCCAAGACAMTACATCGCCCTTCATGAAAGCTCAGATTCACACTTCATCTCA	110
OY		302	GIYThraValArgProIlleCySLeuPProPhePheAspGlnGluLeuThrProAlathrPro	321
Dd		1104	GGCACAGTCAGGCCCAATCTGTCTGCCCTCTTTGATGAAGAGCTCACTCAGCACCCCA	116
OY		322	LeutrpIlelleglYTrpGLYpHeThrLySglnAsnGLYLYSeMeSerAspIIleleu	341
Dd		1164	CTCTGGATCATTTGANTGGGCTTTTACGAAGCAAGATGAGGAAAGTGTCTGACATACG	122
OY		342	LeuGlnAlaseRValGlnValIleAsPSeRThrArgCyAsnAlaAspaPalaryGln	361
Dd		1224	CTGCAAGGCGTCACTCAGGTCAATTGACACACACCGGTGAATGCAAGACGATGGTACAG	128
OY		362	GIYGIuValThrgLUyMeMeTCySAlagIylleProGlnGLYGLYValAspThrCYs	381
Dd		1284	GCGGAAGTCACCGAAGAATGATNGTGGAGGCAATCCCGAAGGGGTGTGACACTTC	134
OY		382	GIngIYASeSerGLYGLYProLeuMetTYrGlnSeRAspGlnThrphISValValGIYIle	401
Dd		1344	CAGGTGTACAGTGGTGGGCCCTGTANTGTACATCTGACCAAGTGGCATTTGGTGGCAATC	140
OY		402	ValSerTrpGLYTYrGLYCySGLYgLYProSeRThrProGlnValTYrThrylValSer	421

Db	1404	GTTCAGCTGGGCTGATGCGCTGGCGGGGCCCGGACGCCAGGAGATATACCAAGGCTCTCA	1463
Qy	422	AAATytleAaAntTpiLeTyAsnValTtPhyIsaIagiUen	435
Db	1464	GCCTATCTCAACTGGATCTACAAATCTCGAAGAGCTGAGCTG	1505
RESULT 130			
US-10-015-869A-274			
; Sequence 274, Application US/10015869A			
; GENERAL INFORMATION:			
; APPLICANT: Baker, Kevin P.			
; APPLICANT: Bobstein, David			
; APPLICANT: Desnoyers, Luc			
; APPLICANT: Eaton, Dan 1.			
; APPLICANT: Ferrara, Napoleone			
; APPLICANT: Fong, Sherman			
; APPLICANT: Gao, Wei-Qiang			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, Christopher J.			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Hillan, Kenneth J.			
; APPLICANT: Par, James			
; APPLICANT: Paoni, Nicholas F.			
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic			
; TITLE OF INVENTION: Acids Encoding the Same			
; FILE REFERENCE: P2830P1C45			
; CURRENT APPLICATION NUMBER: US/10/015,869A			
; CURRENT FILING DATE: 2002-06-25			
; Prior Application removed - See File Wrapper or Palm			
; NUMBER OF SEQ ID NOS: 477			
; SEQ ID NO 274			
; LENGTH: 2063			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
US-10-015-869A-274			
Alignment Scores:			
Pred. No.: 0 Length: 2063			
Score: 2297.50 Matches: 429			
Percent Similarity: 98.85% Conservative: 0			
Best Local Similarity: 98.85% Mismatches: 0			
Query Match: 98.10% Indels: 5			
DB: 40 Gaps: 1			
US-10-803-530-2 (1-435) x US-10-015-869A-274 (1-2063)			
Qy	2	AspProAspSerArgInProLeuAsnSerLeuAspValIysPProLeuArgIysProArg	21
Db	219	GATCCTTGCAAGTGAATCAACCTCTGAAGAGCCTCGATGTCAAAACCCCTGCGCAACCCCGT	278
Qy	22	IlleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerIeu	41
Db	279	ATCCCAATGAGACCTTCAGAAAGTGGAGATCCCAATCAATCAATAGCACTAAGAGCTG	338
Qy	42	AlaSerIleIleIleValIalValIleuIleIysValIleLeuAspIysTyTyTyPheIeu	61
Db	339	GCGAGTATCATCATTTGGTGTGCTTCATCAAGGTGATTCGATTAATACTACTTCTC	398
Qy	62	CysGlyGlnProIleuHisPheIleProArgIysGlnIeuCysAspGlyGlnLeuAspCys	81
Db	399	TGCGGGCAGGCTCTCCACTTCATCCCGAGGAAGCAGCTGTGTGACGGAAGAGCTGACTGT	458
Qy	82	ProIleuGlyIleuAspGluGlnHisCysValIysSerPheProGluGlyProAlaValAla	101
Db	459	CCCTTGGGGAGGACGAGGAGCACTGTGTCAAGAGCTTCCCGAAGGAGCCTGCAGTGCA	518
Qy	102	ValArgLeuSerIysAspArgSerThrIleuGlnValIleuAspSerAlaThrGlyAsnTrp	121
Db	519	GTCGGCTCTTCAGAGGACCGATCCACACTGCAAGGTGCTGGACTGCGCCACAGGGAATCGG	578
Qy	122	PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet	141

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Db      579  TTTCTGCTGCTTTTCGACACTTTCACAGAGCTCTCGCTGAGACAGCTTGAGGCAATG 638
Qy      142  G1YrSerSerLySProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db      639  GGCTACAGC-----AGAGCTGTGAGATTGGCCAGACAGAGATCTGGAT 683
Qy      162  ValValGluIleThrGluAsnSerGlnGluLeuArgMetAlaGlnSerSerGlyProCys 181
Db      684  GTTGTGTAATACAGAAACAGACGAGAGCTTCGCAAGCGGAACTCAAGTGGGCTCTGT 743
Qy      182  LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySLeuLeuThrPro 201
Db      744  CTCACAGGCTCTCGTGTCTCCCTGACATGCTCTGCTTGAGAGAGAGCTTAAAGACCCC 803
Qy      202  ArgValAlaGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db      804  CGTGTGGGTGGGGAGAGAGGCTCTGTGATCTTGCGCTGGCAAGTCAAGATCCAG 863
Qy      222  TyrAspLySGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db      864  TACCAAAACAGACAGTCTGTGAGGAGAGCATCTCGAAGCCCTGAGTCTCTCAGCGCA 923
Qy      242  AlaHisCysPheArgLySHisThrAspValPheAsnTrpLySValArgAlaGlySerAsp 261
Db      924  GCCCACTGCTTCAGAAACATACCGATGTGTCACTGAGAGATCGGAGGAGCTCAAGC 983
Qy      262  LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGlnPheAsnPro 281
Db      984  AATCTGGGACAGTCTCCATCTCGTGTGGCGAAGATCATCATTAATTAATCAACCCC 1043
Qy      282  MetTrpProLySAspAsnAspIleAlaLeuMetLySLeuGlnPheProLeuThrPheSer 301
Db      1044  ATGTACCCCAAGACATGACATCCGCTTCATGAAAGCTGCAATGCTCCACTCTTTCACA 1103
Qy      302  GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db      1104  GGCACAGTCAGGCGCATGTGTGCTTCTTGTAGAGAGACTCACTCCAGCCACCCCA 1163
Qy      322  LeuTrpIleIleGlyTrpGlyPheThrLySGlnAsnGlyLySLeuMetSerAspIleLeu 341
Db      1164  CTCGTGATCATTTGATGGGCTTTTACAGAGCAGATGAGAGGAGATGTCTACATACG 1223
Qy      342  LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db      1224  CTGCAAGGCGTCAAGTCAAGTCAATGACAGACACGCGTCAATGACAGATCGTACAG 1283
Qy      362  GlyGluValAlaThrGluLeuMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db      1284  GGGGAAGTCACCGAAGAGATGATGTGTGAGGAGCATCCCGAAGGGGGTGTGAGACCTGC 1343
Qy      382  GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValAlaGlyIle 401
Db      1344  CAGGCTGACAGTGTGTGGGCTCTGATGTACATTCGACACAGTGGATGTGGGCTGATC 1403
Qy      402  ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrLySAspSer 421
Db      1404  GTTAGCTGGGGCTAATGCTGCGGGGGCCGAGAGACCCGAGAGATATACCAAGAGTCTCA 1463
Qy      422  AlaTrpLeuAsnTrpIleTrpAsnValIleTrpValAlaGluLeu 435
Db      1464  GCTATCTCACTGATCTACAAATGTCTGAAAGGCTGAGCTG 1505

```

RESULT 131

US-10-017-253A-274
Sequence 274, Application US/10017253A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman

```

APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OR INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C62
CURRENT APPLICATION NUMBER: US/10/017, 253A
CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-017-253A-274

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Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

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US-10-803-530-2 (1-435) x US-10-017-253A-274 (1-2063)
Qy      2  AppProAspSerAspGlnProLeuAsnSerLeuAspValLySProLeuArgLySProArg 21
Db      219  GATCTGACAGATGATCACTCTGAAACAGCTCGATGTCAAAACCCCTGGCAAAACCCCT 278
Qy      22  IleProMetGluThrPheArgLySValGlyIleProIleIleIleAlaLeuSerLeu 41
Db      279  ATCCCCATGAGACCTTCAGAAAGGTGGGATGCCCATATATATAGCACTACTGAGCTTG 338
Qy      42  AlaSerIleIleIleValValValLeuIleLySValIleLeuAspLySTrpPheLeu 61
Db      339  GCGAGTATCATATGTGTGTTCTCTCATCAAGGTGATTTGTGATAAATACACTTCTCCTC 398
Qy      62  CysGlyGlnProLeuHisPheIleProArgLySGlnLeuCysAspGlyGluLeuAspCys 81
Db      399  TCGGGGAGAGCTCTCCACTTCATCCCGAAGAGCAGCTGTGTGACGAGAGCTGAGCTGT 458
Qy      82  ProLeuGlyGluAspGluGluHisCysValLySAspPheProGluGlyProAlaValAla 101
Db      459  CCGTGGGGAGAGACAGAGAGCATGTGTCAAGAGCTTCCCGAAGGAGCTGAGTGGCA 518
Qy      102  ValArgLeuSerLySAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121

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Db 519 GTCCGCTCTCCAGAGCCGATCCACATGAGGTGCTGGAATCGGCGCAAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPhenThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTTGACAACTTCAACAGAACTCTCGCGAGACAGCCGTGAGGACATG 638
QY 142 GLYTYSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGAGATTGGCCGACACAGGATCTGGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCAAGAAACAGCCAGAGCTTCCCATGCGGAACTCAAGTGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTAGGCTCCCTGCTCTCTCTGCACTGTCTTGGCTGTGGGAAAGCTTGAAGCCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGAGAGAGGCTCTGTGTGATCTTGCGCTTGGCAGGTCAAGATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisIleTrpValLeuThrAla 241
Db 864 TACGACAAACAGCAGCTGTGTGAGAGAGCAATCTTGAGACCCCACTGGGTCTTCAACGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCACCTGCTTCAAGAAACATACCGATGTGTTCACATGGAAAGTGGCGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 984 AAACGGGACACTTCCCATCTGCTGTGGCCAAAGATCATCATTAATTAACACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTAACCCCAAGACATGATGATGCTCATGAGCTGCGACATTCCTCACTTCTTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
Db 1104 GGCAACAGTCAAGCCCATCTGTCTGCCCTTTGTATGAGAGCTCATCCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTyrTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGAGTATGATGAGTGGGCTTTACAAAGCAATGAGGAAAGATGTCTGACATCATG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGCGGTCAAGTCCAGGTGATTCAGACACACCGGTGCATGACAGTGCATCCAG 1283
QY 362 GlyGlyValThrGlyLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
Db 1284 GGGGAAAGTCCCGAAAGATGATGTGACAGGCATCCCGGAAAGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyValProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
Db 1344 CAGGGTACAGTGTGGGCCCCCTGATGATCCCAATCTCAACAGTGCATGTGGGGCATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTAGCTGGGGCTATGCTGGGGGGGCCGAGCACCCACAGAGATATCACCAAGTTC 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrPylAspLeu 435
Db 1464 GCCATCTCAACTGATCTCAATGTCTGGAAGGCTGAGCTG 1505

RESULT 132

US-10-017-306A-274

; Sequence 274, Application US/10017306A

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Rotstein, David

; APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gunney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830Pic6
CURRENT APPLICATION NUMBER: US/10/017,306A
CURRENT FILING DATE: 2002-06-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-017-306A-274

Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
Gaps: 1

US-10-803-530-2 (1-435) x US-10-017-306A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCTGACAGTATCACTGAACTCGAATGCAACCCCTGGCGAAACCCCGT 278
QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 279 ATCCCATGAGACCTTTCAGAAAGTGGGATCCCATATCATATGACTACTGAGCTG 338
QY 42 AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
Db 339 GCGAGTATCATATGTTGTTGCTTCATCAAGGATTCCTGGATTAATTAATCTTCC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlyLeuAspCys 81
Db 399 TGGGGCAGCTCTTCCACTTCATCCCGAGAAAGCTGTGTGACGAGAGCTGACCTGT 458
QY 82 ProLeuGlyValAspGlnGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTGGGGAGAGACAGAGACATGTGTCAAGAGCTTCCGAAAGGCGCTGCACTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGACGATTCACATGACAGGTCTGACTCGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPhenThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTTGACAACTTCAACAGAACTCTCGCGAGACAGCCGTGAGGACATG 638
QY 142 GLYTYSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGAGATTGGCCGACACAGGATCTGGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCAAGAAACAGCCAGAGCTTCCCATGCGGAACTCAAGTGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTAGGCTCCCTGCTCTCTCTGCACTGTCTTGGCTGTGGGAAAGCTTGAAGCCCC 803

```

QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
Db 804 CGrTGGTGGGGAGAGAGAGCCCTGTGTGATTTGGCCCTGGCAGATGACATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAACAGCAGCTGTGTGAGAGGAGCATCCCGAACCCCACTGGGTCTTCACGGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAGAAACATACCATGTGTTCACTGAAAGTGCCGGGACGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
Db 984 AAACGGGAGCTTCCCATCCCTGGCTGGCCAAAGATCATATGATTAATTCACCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGACATCCCTCATGAAAGCTGCACTCCCATCTTCCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlyGluLeuThrProAlaThrPro 321
Db 1104 GGCAAGTCAGGCCCATCTGTCTGCCCTTCTTGATGAGAGCTCATCTCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGGATCATTTGGATGGGGCTTTTACGAGCAGATGAGGGGAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAAGGCTCATGCTCAAGTCAATTACACACACCGGTGATGACAGATCCGATCCAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
Db 1284 GGGGAAAGTCAACCGAAGATGATGTGTGAGGACATCCCGAAGGGGGTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
Db 1344 CAGGTGTGACATGTGGGGCCCTGTGATGACCATCTGACCATGTGCATGTGTGGGCATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTACTGGGGCTAATGCTGGCGGGGCCGAGACACCCCGAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1464 GCCTATCTCACTGGATCTACATGTCTGGAAGGCTGAGCTG 1505

RESULT 133
US-10-017-390A-274
; Sequence 274, Application US/10017390A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Demoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gueney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C67
; CURRENT APPLICATION NUMBER: US/10/017,390A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm

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; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-017-390A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-017-390A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCCTGACAGTGAATCAACTCTGAAACAGCCCTCGATGCAAAACCCCTCGCAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 279 ATCCCAATGAGAGACCTTGCAAAAGGTGGAGATCCCATCATCATATGACATCTAGACTG 338
QY 42 AlaSerIleIleIleValAlaValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
Db 339 GCGAGTATCATATTGTGTGTCTCTCTCATCAAGTGATTCGTGAAATATCTACTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGCGGAGCCCTTCTCACTTCATCCCGAAGACAGCTGTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTGGGGGAGAGCAGAGAGACATGTGTCAAGACCTTCCCGAAGGGCTGTGACATGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTTCAGAGACCGATCCATCTGCAAGTGTGTGACTCGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTGTGCTGTGTTGACAACTTCACAGAGCTCTCGTGAGACAGCCGTGTGTGGAGATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCAGACCGAGATCTGTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuAArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCAGAAACAGACGAGACTTCGATCGGAACTCAAGTGGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTGAGGTCTCCCTGTCTCCCTGCACTGTCTGTGGGAGAGCCTGAAGACCTCAAGACCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
Db 804 CGrTGGTGGGGAGAGAGCCCTGTGTGATTTGGCCCTGGCAGATGACATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAACAGCAGCTGTGTGAGAGGAGCATCCCGAACCCCACTGGGTCTTCACGGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAGAAACATACCATGTGTTCACTGAAAGTGCCGGGACGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
Db 984 AAACGGGAGCTTCCCATCCCTGGCTGGCCAAAGATCATATGATTAATTCACCC 1043

```

QY 282 MetTyProLyAspAsnAspIleAlaLeuMetTyLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATCAGTCGCCCTCATGAGACTGATTCCTCCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGACAGTCAGAGCCATCTGTCTGCCCTTCTTGATGAGAGAGCTCACTCCAGCCACCCCA 1163
QY 322 LeuTPIleIleGlyTyrGlyPheThrLySGlnAsnGlyGlyLyMetSerAspIleLeu 341
Db 1164 CTCTGGATCATTTGATGGGGCTTTTACGAGCAGAAATGGAGAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAAGCCTCAGTCCAGGTCAATTGACAGCACCGGTGACATGCAAGATCCGACCG 1283
QY 362 GlyGluValThrGluLyMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAGTACCGAAGATGATGTGTGACAGCATCCCGAAGGGGGTGTGGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnThrIleValValGlyIle 401
Db 1344 CAGGTGACAGTGTGGGGCTTGTATGACCAATCTGACCAAGTGCATGTGGGGCATC 1403
QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLyValSer 421
Db 1404 GTTACTGGGGCTATAGCTGCGGGGGCCCGAGCACCCGAGAGTATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLyAlaGluLeu 435
Db 1464 GCCTATCTCACTGATCTTCAATGTCTGGAGGCTGAGCTG 1505

RESULT 134
US-10-017-407A-274
; Sequence 274, Application US/10017407A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bocstein, David
; APPLICANT: Desmoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1G61
; CURRENT APPLICATION NUMBER: US/10/017,407A
; PRIOR FILING DATE: 2002-06-25
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-017-407A-274

Alignment Scores:

Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%

Length: 2063
Matches: 429
Conservative: 0
Mismatch: 0
Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-017-407A-274 (1-2063)

QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
Db 219 GATCCTGACAGTGTATCAACCTCTGAAACAGCCTCGATGCAACCCCTGCCCAACCCCGT 278
QY 22 IleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAAGAAAGTGGGATCCCATCATCATAGCATTAATGAGCTTG 338
QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleValIle 61
Db 339 GCGAGTATCATCATTTGTTGTTCTCATCAAGTGATTTCTGATTAATCTACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLyGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGGGGAGCCTCTCCACTTCATCCGAGAAACAGCTGTGTACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla 101
Db 459 CCCTTGGGGAGGACAGAGACCTGTGTCAAGCTTCCCGAAGGGCTGCACTGGCA 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
Db 519 GTCCGCTCTCCAAAGACCATCCACATGCAAGGTCTGGACTCGGCCACAGGGAACCTG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTCTTTCACAACTTCAAGAACTTCTGCTGAGACAGCTGTAGGGCAGATG 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATTTGGCCACAGACCAAGATCTGAT 683
QY 162 ValValGluIleThrGluLeuSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATACACAAACACAGCAGGCTTGCATCGAGAACTCAAGTGGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuThrPro 201
Db 744 CTCTCAGGGCTCCCTGGTCTCCCTGACCTGTCTTGGCTGTGGAAAGCTTGAAGACCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGAGAGAGGCTCTGTGGATTTCTTGGCTTGGACAGGTGACATCCAG 863
QY 222 TyrAspLySGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla 241
Db 864 TACGACAAACAGCAGCTCTGTGAGAGACATCTGAGCCCACTGGGTCTCTCAAGCA 923
QY 242 AlaHisCysPheArgIysHisThrAspValPheAsnTyrLyValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGGAAACATACCATGTGTTCACTGGAAGGTGCGGGAGGCTCAAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleGluPheAsnPro 281
Db 984 AAACGTGGGAGCTTCCATCCCTGCTGTGGCAAGATCATCATTAAGAAATTCAAACCC 1043
QY 282 MetTyProLyAspAsnAspIleAlaLeuMetTyLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATCAGTCGCCCTCATGAGACTGATTCCTCCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGACAGTCAGAGCCATCTGTCTGCCCTTCTTGATGAGAGAGCTCACTCCAGCCACCCCA 1163
QY 322 LeuTPIleIleGlyTyrGlyPheThrLySGlnAsnGlyGlyLyMetSerAspIleLeu 341
Db 1164 CTCTGGATCATTTGATGGGGCTTTTACGAGCAGAAATGGAGAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAAGCCTCAGTCCAGGTCAATTGACAGCACCGGTGACATGCAAGATCCGACCG 1283
QY 362 GlyGluValThrGluLyMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381

Db 1284 GGGGAGTCAACGGAATATGTGTGACAGCATCCCGAAGGGGGGTGAGACCTGC 1343
Cy 382 GlnGlyAppSerGlyGlyProLeuMetGlyGlnSerArgGlnTyrPheValGlyIle 401
Db 1344 CAGGTGACAGTGTGGGGCCCTGATGTACCATCTGACAGTGTGAGTGTGGGCTTC 1403
Cy 402 ValSerTPGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThylsValSer 421
Db 1404 GTTAGCTGGGGCTATGGCTGGGGGGCCGAGCACCACCAAGATATACCAAGGTCTCA 1463
Cy 422 AlaTyrLeuAsnTyrPheTyrAsnValTyrPylsAlaGluLeu 435
Db 1464 GCCTATCTCACTGATCTACATGTCTGGAAGCTGAGCTG 1505
RESULT 135
US-10-017-527A-274
Sequence 274, Application US/10017527A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Boetsen, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoli, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC63
CURRENT APPLICATION NUMBER: US/10/017,527A
CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099808
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812

PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099815
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816
PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-15
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PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100584
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100661
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100662
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PRIOR FILING DATE: 1998-09-17
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PRIOR APPLICATION NUMBER: 60/101915
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29

;; PRIOR APPLICATION NUMBER: 60/102307
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102330
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102331
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102484
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;; PRIOR APPLICATION NUMBER: 60/102571
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102684
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102687
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102965
;; PRIOR FILING DATE: 1998-10-02
;; PRIOR APPLICATION NUMBER: 60/103258
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;; PRIOR APPLICATION NUMBER: 60/106023
;; PRIOR FILING DATE: 1998-10-28
;; PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:

	Pred. No.:	0	Length:	2063
	Score:	2297.50	Matches:	429
	Percent Similarity:	98.85%	Conservative:	0
	Best Local Similarity:	98.85%	Mismatches:	0
	Query Match:	98.10%	Indels:	5
	DB:	40	Gaps:	1
US-10-803-530-2 (1-435) x US-10-017-527A-274 (1-2063)				
Qy	2	AspProAspSerAspGlnProLeuAsnSerLeuAspValIysBProLeuArgIysProArg	21	
Db	219	GATCCTGACAGTATCACTTGAACAGCCTGATGTCAAACTCCGGGCAACCCCGT	278	
Qy	22	ILProMetGlnThrPheArgIysValGlyIleProIleIleIleIleLeuLeuSerLeu	41	
Db	279	ATCCCATGGAGACTTCAGAAAAGTGGGATCCCATCATCTATGACACTGACCTG	338	
Qy	42	AlaSerIleIleIleValValIleuIleIysValIleuAspIysTyrTyrPheLeu	61	
Db	339	GCGAGTATCATCTTGTGTTGTCCTCATCAAGTATCTGATTAATCTTCCCTC	398	
Qy	62	CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyIleuAspCys	81	
Db	399	TGCGGCGAGCCTCTCCACTTCATCCGAGGAGCAGCTGTGTGACGAGAGCTGACTGT	458	
Qy	82	ProLeuGlyValAspGlnGlnHisCysValIysSerPheProGlnGlyProAlaValAla	101	
Db	459	CCCTTGGGGAGAGACAGAGGACCTGTGTCAAGAGCTTCCCAAGAGGCTGAGTGGCA	518	
Qy	102	ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp	121	
Db	519	GTCGGCCTCTCCAAAGACCGATCCACATCGAGTGTCTGGAATCTGGCCACAGGAACTGG	578	
Qy	122	PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet	141	
Db	579	TTCTGTCCCTGTTTCACAACTTCACAGAGCTCTGTCGAGACAGCTGTAGGCGAGATG	638	
Qy	142	GlyTyrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161	
Db	639	GGCTACAGC-----AAGCTGTGAGATTTGGCCACACAGATTCGTGAT	683	
Qy	162	ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys	181	
Db	684	GTTGTTGAATATCAGAAAACAGCCAGGAGCTTGGATCGGAACTCAAGTGGGCTCTGT	743	
Qy	182	LeuSerGlySerIleuValSerLeuHisCysLeuAlaCysGlyIysSerIleuIysThrPro	201	
Db	744	CTCTCAGGCTCCCTGTGCTCCCTGCACTGTCTTGGCTGTGGAGAGGCTGAAGACCCCC	803	
Qy	202	ArgValIalGlyGlyGlnGlnIleAsnValAspSerTrpProTrpGlnValSerIleGln	221	
Db	804	CGTGTGTGGTGGGAGAGAGGCTCTGTGATTTCTGGCCCTTGGCAGGTCAAGATCCAG	863	
Qy	222	TyrAspIysGlnHisValCysGlyIysSerIleuAspProHisIleTrpValIleuThrAla	241	
Db	864	TACGACAAACAGACAGCTGTGTGAGGAGACATCTGACCCCACTGGGCTCTCAAGGCA	923	
Qy	242	AlaHisCysPheArgIysHisIleThrAspValIleuAsnTrpIysValArgAlaIysSerAsp	261	
Db	924	GCCCACTGCTTCAGAAACATACCATGTGTTCACTGGAAGAGTGGGGCAGGCTCAAGC	983	
Qy	262	IysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleGlnPheAsnPro	281	
Db	984	AAACTGGGAGCTTCCATCCCTGTGGTGGGCAAGATCATCATTAATTCACACCCC	1043	
Qy	282	MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer	301	
Db	1044	ATGTACCCCAAGACATGATCATCGCCCTCAGAAAGTGCAGATTCCTCACTTCTCA	1103	
Qy	302	GlyThrValArgProIleCysLeuProPheAspGlnGlnIleuThrProAlaThrPro	321	
Db	1104	GGCACAGTACGAGCCCATCTGTGTGCCCTTCTTGTGATGAGAGACTCATCCAGCACCCCA	1163	

Qy 322 LeuTPIleIleIleGlyTTPGlyPheThrIysGlnIleGlyIleMetSerAspIleLeu 341
 Db 1164 CTCTGGATCATTTGGATGGGGCTTTACGAAGCAAGATGAGTGTGACATCTG 1223
 Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGCAGGGGTCAAGTCACAGTCATTCAGACACACGCTGCATTCAGACAGAAAGCGTACAG 1283
 Qy 362 GlnGlyValThrGlnIleMetCysAlaIleIleProGlnIleGlyValAspThrCys 381
 Db 1284 GGGGAAGTCACGAGAAATGATGTGTACAGCATCCGGAAGGGGGTGTGACACCTG 1343
 Qy 382 GlnGlyAspSerGlyIleProIleuMetTyrGlnSerAspGlnIleValIleGlyIle 401
 Db 1344 CAGGTCACATGTGTGGGGCTTGTATGATTCACATTCACATGTCATGTGTGGGATC 1403
 Qy 402 ValSerTPGlyTyrGlyCysGlyIleProSerThrProGlyValTyrThrIysValSer 421
 Db 1404 GTTAGCTGGGCTATGCTGGGGGGGGCCGAGCACCCAGAGATACACCAAGGTCTCA 1463
 Qy 422 AlaTyrLeuAsnTPIleTyrAsnValTTPylsAlaGluLeu 435
 Db 1464 GCCTATCTCACTGATCTACATGTCTGAAAGCTGAGCTG 1505

RESULT 136
 US-10-017-610A-274
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830PLC64
 CURRENT APPLICATION NUMBER: US/10/017,610A
 PRIOR FILING DATE: 2001-12-13
 PRIOR APPLICATION NUMBER: 60/098716
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098723
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
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 PRIOR FILING DATE: 1998-09-02
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 PRIOR APPLICATION NUMBER: 60/099536
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 PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/099754
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 PRIOR APPLICATION NUMBER: 60/101738
 PRIOR FILING DATE: 1998-09-24
 PRIOR APPLICATION NUMBER: 60/101741
 PRIOR FILING DATE: 1998-09-24
 PRIOR APPLICATION NUMBER: 60/101743

Qy 282 MetTyrProIysAspAsnAlaIleuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATGATGCTTATGAGAGCTGCTCCACTCATTCTTCA 1103
Qy 302 G1YThrValArgProIleCyLeuProPhePheAspGluLeuThrProAlaThrPro 321
Db 1104 GGCAAGTACAGGCCATCTGCTGCTCTTTATGAGAGCTCATTCCAGCCACCCCA 1163
Qy 322 LeuTyrIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGCTTTACGAAAGATGAGAGGAAAGATCTGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGAGGCTGACGCTGAGGATTTGACGACGAGGTCATGAGAGGAGCGTACAG 1283
Qy 362 G1YGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGAGAGTACCGAGAGATATGTTGTCAGAGCATCCGAAAGGGGTGTGACACCTGC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrPheValGlyIle 401
Db 1344 CAGGCTACACTGCTGGGCCCCCTGATGATGATGATGATGATGATGATGATGATG 1403
Qy 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTAGCTGGGGCTATGCTGCTGCGGGGCCGAGCACCCGAGAGATATACCAAGGCTTCA 1463
Qy 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrPheValGluLeu 435
Db 1464 GCTATCTCAACTGATCTACATGTCTGAAAGCTGAGCTG 1505

RESULT 137

US-10-017-867A-274

Sequence 274, Application US/10017867A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Deenoyers, Luc

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godwaki, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C60

CURRENT FILING DATE: 2001-12-13

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;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/106023
;; PRIOR FILING DATE: 1998-10-28
;; PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:

Pred. No.:	0	Length:	2063
Score:	2297.50	Matches:	429
Percent Similarity:	98.85%	Conservative:	0
Best Local Similarity:	98.85%	Mismatches:	0
Query Match:	98.10%	Indels:	5
DB:	40	Gaps:	1

US-10-803-530-2 (1-435) x US-10-017-867A-274 (1-2063)

QY 2 ASPProAspSerArgGlnProLeuAenSerLeuAspValIlySerProLeuArgIlyProArg 21
DB 219 GATTCGTGACAGTATCAACCTCGAAACGCTGATGTCAAACTCGCGAAACCCCTG 278
QY 22 ILeProWeGlnThrPheArgIlyValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCTATGACACTAGAGCTTG 338
QY 42 AlaserIleIleIleValValLeuIleIlyValIleLeuAspIlyTyTyPheLeu 61
DB 339 GCGAGTATCATCATTTGGTGTGCTCATCAAGTGTCTGTGATTAATCTACTTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIlyGlnLeuCysAspIlyGlnLeuAspCys 81
DB 399 TGGGGGAGGCTCTCCACTTCATCCGAGAACACCTGTGTACGAGAGCTGACTGT 458
QY 82 ProLeuGlyGlnAspGlnGlnIlyValIlySerPheProGlnIlyProAlaValAla 101
DB 459 CCTTGGGGAGGACGAGAGCACTGTGTCAAGCTTCCCAAGGGCTTGAGTGGCA 518
QY 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCGGCTCTCCAAAGACGATCCACATGCTGAGTGTGACTGGGCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
DB 579 TTCTGTGCTGTGTTCGACCACTTCACAGAGCTTGTGTGACACCTGTGTAGGCAATG 638
QY 142 GltTySerSerIlyProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGAAGTGTGCCCAAGACGAGTCTGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTAATTCACAGAAACACGACGAGCTTCGATGGGAATCAAGTGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlySerSerLeuIlyThrPro 201
DB 744 CTCTCAGGCTCCCTGTGCTCTCCGCACTGTCTGTGTGGGAAGCCCTGAAGACCC 803
QY 202 ArgValValGlyGlyGlnIlyValIleValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGGTGGGTGGAGGAGGCTCTGTGATTTCTTGAGCTTGAGGACGATCAG 863
QY 222 TyrAspIlySerGlnHisValCysGlyIlySerIleLeuAspProHisTrpValLeuThrAla 241

Db 864 TAGCAAAAGACGACGTCTGTGAGGAGACATCTGAGACCCCACTGGGTCTCCACGCA 923
 Qy 242 AIAHISCVPEHAEGLVSHIETHASPVALPHEANTPVPYVALATGALGYSERASP 261
 Db 924 GCCCATCTGCTTCAGAAACATACCATGTGTTCAACTGAAAGGCTGGGCGCTCAAC 983
 Qy 262 LYSLEUGISERPEHPEPSEIRLEUVALAVALYSLEILEILEILEILEILEILEILEILE 281
 Db 984 AATCTGGGACGCTTCCATCTCCCTGCTGGCCGAAAGATCATCATGATTCATCAACCC 1043
 Qy 282 METYRPROLYASAPASAPSPILLEALALEUETLYSLEUGINPHEPROLEUTHRPHESER 301
 Db 1044 ATGTACCCCAAGACATGATGATGCCCTCATGAGAGTGCAGTCCCACTTCCTCA 1103
 Qy 302 GLYTRVALATGPROILECYALEUPROPHPEHAPSGIUGILEUTHRPROALATHRPRO 321
 Db 1104 GGCAAGACGAGCCCATCTGTCTGCTCTTGTGATGAGAGCTCATCTCAAGCCCA 1163
 Qy 322 LEUTPILILEILEGLYTRGGLYPHERTRLYSGINAENGILYLYVEMETSERAPILLEU 341
 Db 1164 CTCTGATCATTTGATGGGCTTTACGAGACGAATGAGGAGATGCTGACATCTG 1223
 Qy 342 LEUGINALASERVALGINVALILEASPERTHARGYASAPALASAPALATYRGIN 361
 Db 1224 CTGCAAGGCTCAGTCCAGGTCAATTGACAGCACAGGTGCAATGACAGATCGTACAG 1283
 Qy 362 GLYGLVALITMTRGLULYEMETECYBALAGIYILEPROGLUGILYGLYVALASPHRCYS 381
 Db 1284 GGGGAAGTACACCGAAGATGATGTGTGAGGATCCCGAAGGGGTGTGACACCTGC 1343
 Qy 382 GINGLYASPERGLYGLYPROLEUMETRYGINSERASPGINTPHISVALVALGILY 401
 Db 1344 CAGGGTGAAGGAGGGGCGCTGATGATACCAATCTGACCAATGATGATGATGATG 1403
 Qy 402 VALSERTPGLYTRYGLYCYSGILYGLYPROSETRTHPROGLYVALTRYTHRYSVALSER 421
 Db 1404 GTTACTGGGGCTATAGGCTGCGGGGCCGAGACACCCCAAGATPDACCAAGGTCTCA 1463
 Qy 422 ALATYRLEUANTRPILLETYRANVALTRYVALAGILEU 435
 Db 1464 GCTATCTCACTGATCTACATATGTGGAAGGCTGAGCTG 1505
 RESULT 138
 US-10-020-063A-274
 ; Sequence 274, Application US/10020063A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gueney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830PLC65
 ; CURRENT APPLICATION NUMBER: US/10/020,063A
 ; PRIOR FILING DATE: 2002-09-04
 ; PRIOR APPLICATION NUMBER: 60/098716
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098723
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098749
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098750
 ; PRIOR FILING DATE: 1998-09-01

; PRIOR APPLICATION NUMBER: 60/098803
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098821
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098843
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/099536
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099596
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099598
 ; PRIOR FILING DATE: 1998-09-09
 ; Remaining Prior Application data removed - See file Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-020-063A-274
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 5
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-020-063A-274 (1-2063)
 Qy 2 ASPPROASPERASPGINPROLEUANSERLEUASPVVALYSPROLEUARGYSPROARG 21
 Db 219 GATCTGACATGATCAACCTCTGACAGCCTCGATGCAAAACCCCTGCGCAACCCGT 278
 Qy 22 ILEPROWETGLUTHPHETARGYVALGILYILEPROILEILEILEILEILEULEUSERLEU 41
 Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATCTGAGCCTG 338
 Qy 42 ALASERILEILEILEILEILEILEILEILEILEILEILEILEILEILEILEILEILEILE 61
 Db 339 GCGATATCATCATGTGTGTCTCTCATCAAGGTGATTTCTGATTAATATCTACTCTTC 398
 Qy 62 CYSGLYINPROLEUHIAPHEILEPROARGYSGINEUCYASPGILYULEUASPCYS 81
 Db 399 TCGGGGAGCCTCTCCACTTATCCCGAGAGACGCTGTGAGAGAGCTGACTGT 458
 Qy 82 PROLEUGILYUASPGILUGLHIACYVALYSESPHEPROGLUGILYPROALVALALA 101
 Db 459 CCTTGGGGGAGAGAGAGACATGTGTCAAGACCTTCCCGAAGGGCTGCAAGTGGCA 518
 Qy 102 VALARGLEUSERLYASPARGSETRHLEUGINVALILEUASPERALATHRGVASENTP 121
 Db 519 GTCCGCTCTCCAAAGACCGATCCACTGAGGTGCTGACTCGGCCACAGGGAATCG 578
 Qy 122 PHESERALACYSPHEASPNPHERHGLUNALEUALAGIUTRHALCYSAARGIINMET 141
 Db 579 TTCTCTGCTGTTTGACACATCTTCAAGAGCTCGCTGAGACAGCCTGTGAGGAGANG 638
 Qy 142 GLYTRYSERSELYSPHETRHEARGVALAGIULILEGLYPROASPGINASPLEUASP 161
 Db 639 GGCTACAGC-----AGAGCTGGAGATTGGCCGACACGATCTGAGAT 683
 Qy 162 VALVALGILILETHRGUANSERGLINGIULEUARGMETARGANSERSEGLYPROCYAS 181
 Db 684 GTTGTGTAATACAGAAACAGCAAGAGCTTCGATGCGGAACTCAAGTGGCCCTGT 743
 Qy 182 LEUSERGLYSELEUVALSERLEUHIACYSEUALACYSGILYLYSESELEUYSRTHRPRO 201
 Db 744 CTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTGCTGTGGGAAGGCTGAAGACCCCC 803
 Qy 202 ARGVALVALGILYGLUGILUALASERVALASPERTPTPTGTGILVALSERILEGIN 221
 Db 804 CGTGTGTGTGGTGGGAGAGGCTCTGTGTGATCTTGTGCTTGTGCAAGGTGACATCCAG 863

QY 222 TyrAspLysGlnHisValCysGlySerIleLeuAspProHisETrpValIleuThrIle 241
DB 864 TRCGCAAAACACACAGTCTGTGAGAGAGACATCCGACCCCTGGGTCTCTCACGGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 924 GCCCACTGCTTCAGAAACATACCATGTGTTCACTGGAGAGTCCGGGACGGCTCAAC 983
QY 262 LysLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleGluPheAsnPro 281
DB 984 AAACGGGACAGTCCATCCCTGCTGTGGCAAGATCATCATATGAATTCAACCC 1043
QY 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTRACCCCAAGACATGACATCCCTCATGAGCTGCAAGTTCCTCACTCTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuPhePheAspGluGluLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTTCTTGTAGAGAGCTCAGTCCAGCCACCC 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB 1164 CTGCGATCATTTGATGGGCTTTACGAGACAGATGAGAGAGATGTCGACATACCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
DB 1224 CTGACAGGGTCAAGTCCAGTCAATGACAGCACGGTCAATGACAGATGCTGACAG 1283
QY 362 GlyLysValIleThrGlyLysMetMetCysAlaGlyIleProGluGlyLysValAspThrCys 381
DB 1284 GGGGAAGTCACCGAAGATGATGTGACAGCATCCCGAAGGGGGTGGACACCTGC 1343
QY 382 GlnGlyAspSerGlyIleProLeuMetTrpGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGTCACATGCTGTGGGCCCCCTGATGACCAATGTGACAGTGCATGTGTGGGCTC 1403
QY 402 ValSerTrpGlyTrpGlyCysGlyIleProSerThrProGlyValIleTrpThrLysValSer 421
DB 1404 GTTAGCTGGGGCTATGGCTGCGGGGGCCGAGCACCCAGAGATATACCAAGTCTCA 1463
QY 422 AlaTrpLeuAsnTrpIleTrpAsnValIleTrpLysAlaGluLeu 435
DB 1464 GCCATCTCACTGATCTACATGTCTGGAAGCTGAGCTG 1505
RESULT 139
US-10-052-586-329
Sequence 329, Application US/10052586
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Deenoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430R1C1
CURRENT APPLICATION NUMBER: US/10/052,586
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: 60/063121
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PRIOR FILING DATE: 1998-06-04
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PRIOR APPLICATION NUMBER: 60/088824
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PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18

Alignment Scores:

Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1

US-10-803-530-2 (1-435) x US-10-052-586-329 (1-2063)

QY 2 AapProabpserAepGlnProleuanserleuapVallyseProleuarghyProarg 21
DB 219 GATCCTGACAGTGAACCTTCTGAAAGCCTCGATGCAAACTTGGCAAACTCGAT 278
QY 22 IlePrometGluThPhaArglyValGlyIlePoiIleIleAlaIleuSerleu 41
DB 279 ATCCCATGAGACCTTCAAGAAAGTGGGATCCCATCATATAGCACTAGAGCTG 338
QY 42 AlaSerIleIleIleValIleValIleuIleIleValIleuapIyTyTyPheIleu 61
DB 339 GCGAGTATCATATTTGGTTGTCCTCATCAAGGTGATTCGATTAATACTACTTCCTC 398
QY 62 CygGlyGlnProleuHiePheIleProArglyGlnIleCysAspGlyGlnIleuapCy 81
DB 399 TCGGGGACGCTCTCCACTTCATCCCGAGGACGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProIeuGlyGlnAspGlnGlnIleCysValIlysserPheProGlyProAlaValAla 101
DB 459 CCGTTGGGGAGAGACGAGAGCACTGTGCAAGAGCTTCCCGAAGGCTTGCAGTGGCA 518
QY 102 ValArgLeuSerIlyAspArgSerThleuGlnValIleuAspSerAlaThrsIlyanTrp 121
DB 519 GTCCGCTCTCCAAAGACCGATCCACATCGAGGCTGTGACTCGGCCCAAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAnPheThrsGlnAlaValIleuIleGlyPheArgGlnMet 141
DB 579 TTCTGTGCTGTGTGCAACAATTCACAGAACTTCGCTGAGACAGCTGTGTGGCAGATG 638
QY 142 GlyTySerSerIlyserProThPheArgAlaValIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCATACG-----AGAGCTGTGAGATTTGGCCAGACCAAGATTCGAT 683
QY 162 ValIleGlnIleThrsIleuanserGlnIleuAspMetArgAnserSerGlyProCys 181

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Db      684 GTTGTGAATTCACAGAAAAACAGCAGAGCTTCGATCGGAGATCAATGAGGCCCTGT 743
Qy      182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlySerLeuIlyThrPro 201
Db      744 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTGTGCGTGGAGAGGCCCTGAGAGACCCC 803
Qy      202 ArgValValGlyIlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db      804 CGTGTGTGGGTGGGAGAGAGGCGCTGTGTGATTTCTTTGGCTTTGGAGGTCAAGATCCAG 863
Qy      222 TyrAspIlyGlnHisIleValCysGlyIlySerIleLeuAspProHisTrpValLeuThrAla 241
Db      864 TAGCAAAACAGACAGCTGTGTGGAGAGAGCTCTTGAGACCCCACTGGGTCTCTCAGGCA 923
Qy      242 AlaHisCysPheArgIlyHisIleThrAspValPheAsnTrpIlyValArgAlaGlySerAsp 261
Db      924 GCCCATGTGCTTACGAAACATACCCATGCTTCACTGAAAGGTGGGAGGCTCAGC 983
Qy      262 IlyIleuGlySerPheProSerLeuAlaValAlaIlyIleIleIleGluPheAsnPro 281
Db      984 AAACCTGGGAGCTTCCCATCCCTGGCTGGCCAGATCATCATCATCAATTCAACCCC 1043
Qy      282 MetTyrProIlyAspAsnAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPheSer 301
Db      1044 ATGTACCCCAAGACATATGATCGCCCTCATATGAGTCAAGTTCAGTCCCATCTTCTCA 1103
Qy      302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db      1104 GGCACAGTCAGGCCCATCTGTCTGCCCTTCTTGATGAGAGCTCATCTCCAGCCCA 1163
Qy      322 LeuTrpIleIleGlyIlyTrpGlyPheThrIlyGlnHisGlyIlyIlyMetSerAspIleLeu 341
Db      1164 CTCTGATATATGGATGGGGCTTTTACAGAGCAATGAGAGGAGATGTCTGACATATCTG 1223
Qy      342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db      1224 CTGCAAGGGGTCAAGTCAAGTCTTACACAGACACCGGTGCATGACAGAGCGATCCAG 1283
Qy      362 GlyIleValThrGluIlyMetMetCysAlaGlyIleProGluGlyIlyValAspThrCys 381
Db      1284 GGGGAGATCACCGAAGATGATGTGCAGGCAATCCGGAAGGGGTGTGACACCTGC 1343
Qy      382 GlnGlyAspSerGlyIlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
Db      1344 CAGGCTGACAGTGGGGCCCTGTATGACCAATGTGACAGTGGCATGTGTGGGATC 1403
Qy      402 ValSerTrpGlyIlyGlyCysGlyIlyProSerThrProGlyValIlyTrpThrIlyValSer 421
Db      1404 GTTAGCTGGGCTATGCTGGGGGGGCCGACACCCAGAGATATACCAAGGATCTCA 1463
Qy      422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIlyAlaGluLeu 435
Db      1464 GCCTATCTCACTGATCTACATGTCTGAAAGGCTGAGCTG 1505

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RESULT 140
US-10-063-502-111
; Sequence 111, Application US/10063502
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P323ORICI
; CURRENT APPLICATION NUMBER: US/10/063,502
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm

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; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-502-111
Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-502-111 (1-2063)
Qy      2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlyAspProLeuArgIlySerProArg 21
Db      219 GATCTGACAGTATCATCACTCTGACAGCTGTGATGTCAAAACCCCTGGCAAAACCCCTGT 278
Qy      22 IleProMetGluThrPheArgIlyValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db      279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATACACTAGACCTCG 338
Qy      42 AlaSerIleIleIleValValIleuIleIlyValIleLeuAspIlyTyrTrpIleu 61
Db      339 GCGAGATATCATATGTGTGTCTTCATCAAGTATTTCTGATTAATTAATTACTTCTTC 398
Qy      62 CysGlyIleProLeuHisPheIleProArgIlyGlnLeuCysAspGlyIlyGluLeuAspCys 81
Db      399 TGGGGAGGCTCTCCACTTCATCCGAGAGACAGCTGTGTGACGAGAGCTGACTGT 458
Qy      82 ProLeuGlyIlyAspGluGluHisCysValIlySerPheProGluIlyProAlaValAla 101
Db      459 CCCTTGGGGAGGACAGAGGACATGTGTCAAGAGCTTCCGGAAGGGCTGCAGTGGCA 518
Qy      102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db      519 GTCCGCTCTCCAGAGACGATTCACATCTGCAAGTGTGATCTGGCCACAGGGAACTGG 578
Qy      122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db      579 TTCTTGCCGTGTTGGACAACTTCACAGAGCTCTTCGTCAGACAGCTGTAGGAGATG 638
Qy      142 GlyTyrSerSerIlyPheThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db      639 GGCTACAGC-----AGAGCTGTGAGATTGGCCAGACCAAGATCTGAT 683
Qy      162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db      684 GTTGTGAATATCAGAAAACAGCAAGAGCTTCGACAGCGGAATCAAGTGGGCCCTGT 743
Qy      182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlySerLeuIlyThrPro 201
Db      744 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTGTGCGTGGAGAGGCCCTGAGAGACCCC 803
Qy      202 ArgValValGlyIlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db      804 CGTGTGTGGGTGGGAGAGAGGCGCTGTGTGATTTCTTTGGCTTTGGAGGTCAAGATCCAG 863
Qy      222 TyrAspIlyGlnHisIleValCysGlyIlySerIleLeuAspProHisTrpValLeuThrAla 241
Db      864 TAGCAAAACAGACAGCTGTGTGGAGAGAGCTCTTGAGACCCCACTGGGTCTCTCAGGCA 923
Qy      242 AlaHisCysPheArgIlyHisIleThrAspValPheAsnTrpIlyValArgAlaGlySerAsp 261
Db      924 GCCCACTCTTCAAGAAACATACCATGTGTCAACTGAGAGGCGGCGGCTCAGAC 983
Qy      262 IlyIleuGlySerPheProSerLeuAlaValAlaIlyIleIleIleGluPheAsnPro 281
Db      984 AAACCTGGGAGCTTCCCATCCCTGGCTGGCCAGATCATCATCATCAATTCAACCCC 1043

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QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGACCCCAAGACATGATGATGCTTCAATGAGCTGAGCTTCCACTCTCTCTCA 1103
 QY 302 G1YThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTCAGGCCCATCTGCTGCTCTTTTGTATGAGAGCTCATCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGCTTTTACGAGACATGAGAGAGATGCTTCACTATCTG 1223
 QY 342 LeuGlnAspSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGAGGGGTCACTGACGATGATGACACACGCTGATTCATGACAGCATGCTGACAG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 DB 1284 GGGGAGTCACCGAAGATATGATGTGTCAGGCAATCCGGAAGGGGGTGTGGACACTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
 DB 1344 CAGGATGACATGGTGGGCTTGTATGATGATGATGATGATGATGATGATGATGATGATG 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrLysValSer 421
 DB 1404 GTTAGCTGGCTTATGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCT 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 DB 1464 GCCTATCTCACTGATCTCAATCTCTGAGAGCTGAGCTG 1505

RESULT 141
 US-10-063-510-111
 : Sequence 111, Application US/10063510
 : GENERAL INFORMATION:

: APPLICANT: Eaton, Dan L.
 : APPLICANT: Filvaroff, Ellen
 : APPLICANT: Gerritsen, Mary E.
 : APPLICANT: Goddard, Audrey
 : APPLICANT: Godowski, Paul J.
 : APPLICANT: Grimaldi, Christopher J.
 : APPLICANT: Gurney, Austin L.
 : APPLICANT: Watanabe, Colin K.
 : APPLICANT: Wood, William I.
 : TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 : FILE REFERENCE: P3230R1C1
 : CURRENT FILING DATE: 2002-05-01
 : PRIOR APPLICATION removed - See File Wrapper or Palm
 : NUMBER OF SEQ ID NOS: 170
 : SEQ ID NO 111
 : LENGTH: 2063
 : TYPE: DNA
 : ORGANISM: Homo Sapien
 : US-10-063-510-111

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-510-111 (1-2063)

QY 2 AppProAspSerAspGlnProLeuAsnSerLeuAspValIleAspProLeuArgLysProArg 21
 DB 219 GATCCGACAGATGATCAACTCTGAAACAGCTCGATGCAAACTCCCTGGCGCAAACTCCCT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41

DB 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACATCACTAGAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleuValIleuAspLysTyrTyrPheLeu 61
 DB 339 GCGAGTATCATCATTTGGTGTCTTCATCAAGGTATGATTCGATTAATATCTACTTCTC 398
 QY 62 CysGlyLysProLeuAspIleAspIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 DB 399 TGGCGGAGCTCTCCACTTCATTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 458
 QY 82 ProLeuGlyLysAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 DB 459 CCTTGGGGGAG 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCGCTCTTCAAGAGCCGATTCACAGAGGTGCTGAGCTGGAGCTGGCCACAGAGAGAGCTG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB 579 TTCTCTGCTGTTCGACACTTCACAGAGCTCTCGTGAGAGAGAGAGAGAGAGAGAGAGAG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB 639 GGTACAGC-----AGAGCTGGAGATGGCCAGACAGAGATCTGGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetLysAsnSerSerGlyProCys 181
 DB 684 GTTGTGTAATCAACAGAAACAG 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 DB 744 CTCTAGGCTCTCTGATCTCTCTGATCTCTCTGATCTCTCTGATCTCTCTGATCTCTCTGAT 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 DB 804 CGTGTGGTGGGGGAG 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
 DB 864 TACGACAAACAGACGCTGTGGAGGAGCATCTGAGACCCCACTGGGCTCTCAAGGCA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 DB 924 GCCCATCTCTTCAAGAAACATCCATGTGTTCAACTGGAAGTCCGGGAGGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 DB 984 AAACGGGAGAGCTTCCATCCCTGGCTGTGGCAAGATCATCATCATGAAATTCAACTCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGACATATGATGCTCTGATGAGCTGCACTGCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTCAGGCCCATCTGCTGCTCTTTTGTATGAGAGCTCATCTCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGCTTTTACGAGACATGAGAGAGATGCTTCACTATCTG 1223
 QY 342 LeuGlnAspSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGAGGGGTCACTGACGATGATGACACACGCTGATTCATGACAGCATGCTGACAG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 DB 1284 GGGGAGTCACCGAAGATATGATGTGTCAGGCAATCCGGAAGGGGGTGTGGACACTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401

Db 1344 CAGGATGACAGTGTGGGCCCTGATGTACCAATCTGACCAAGTGCATGTGTGGCATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIysValSer 421
Db 1404 GTTAGCTGGGCTATGTGCTGGCGGGGCCGAGCAGCCCAAGATATACCAAGGCTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrPylAspIleu 435
Db 1464 GCTATCTCACTGATCTACATATGTCTGAAAGCTGAGCTG 1505
RESULT 142
US-10-063-512-111
; Sequence 111, Application US/10063512
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,512
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-512-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatch: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-512-111 (1-2063)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgLysProArg 21
Db 219 GATCTGACATGATCAACCTCTGACAGCCTCCATGTCAAAACCCCTGCGCAACCCCGT 278
Qy 22 IleProMetGluThrPheAspGlyValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCCAGTGAACCTTCAGAAAGTGGGAGATCCCATCATGACATACAGCTGAGCTG 338
Qy 42 AlaSerIleIleIleValIleValIleuIleIysValIleLeuAspIlyTyrTyrPheLeu 61
Db 339 GCGAGTATCATATTGGTGGTGTCTCATCAAGGTGATTCGATTAATTAATCTACTTCCTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlyIleuAspCys 81
Db 399 TGGCGGAGAGCTCTCCACTTCATCCGAGAGAGAGCTGTGTGACGAGAGAGCTGAGCTGT 458
Qy 82 ProLeuGlyGluAspGlyGluHisCysValIysSerPheProGlyGlyProAlaValAla 101
Db 459 CCCCTTGGGAG 518
Qy 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTTCCAAAGAGCCATTCACCTGCAAGGTGCTGAGCTGCGCACAAGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAspMetThrGluAlaLeuAlaGluThrAlaCysATGlnMet 141
Db 579 TTCTCTGCTGTTTTCGACAACTTCACAGAGAGCTCTGCTGACAGAGCTGTACAGAGATG 638

Qy 142 GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCATACAGC-----AGAGCTGTGAGATTTGGCCCAAGACAGATCTGGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnIleuAspGlyMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTAAATTCACAGAAACAGCCAGAGAGCTTCGATGTGGAAATCAATGAGGCTGTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysTrpPro 201
Db 744 CTTCAGGCTCCCTGGTCTCTGACATGCTTGGCTGTGGAAAGAGCTGAAAGACCCCC 803
Qy 202 ArgValValGlyGlyGlnIleAspValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGAGAGAGAGCTGTGTGATTTCTTGCTGGCAGGTACAGATCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACAGCAACAGACAGCTGTGTGAGAGAGAGATCTGGAACCCCACTGGGTCTCACAGGCA 923
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCACAGCTTTCAGAAACATACCATGCTTCACTGAAAGGTGCGGCAAGCTTACAGC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 984 AAACGTGGCAGCTTCCATCCCTGCTGTGGCCAAATCATCATCAATTCAACCCCC 1043
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATGATGCTTCACTGAAAGCTGCACTGCTCACTTCTTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCGCATCTGTCTGCCCTTCTTGTGATGAGAGACTCATCAGCAACCCCA 1163
Qy 322 LeuTrpIleIleGlyTyrGlyPheThrIysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATATCATGATGAGGAGCTTTCAGAAAGATGAGGAGGAAATGTCTGACATACG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGACAGCGCTGATGTCAGGTCAATTGACAGCACACGGTGTAAAGCAGATGCCATCAG 1283
Qy 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGlyGlyValAspThrCys 381
Db 1284 GGGAGAGTACCGAGAGAGATGATGTGTGACAGGATCCGGAAGGGGTGTGGACACTGC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
Db 1344 CAGGAGTGAAGTGTGGGCCCTGATGTACATGTACACATGTGACATGTGTGGTGGCATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIysValSer 421
Db 1404 GTTAGCTGGGCTATGTGCTGGCGGGGCCGAGCAGCCCAAGATATACCAAGGCTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrPylAspIleu 435
Db 1464 GCTATCTCACTGATCTACATATGTCTGAAAGCTGAGCTG 1505
RESULT 143
US-10-063-513-111
; Sequence 111, Application US/10063513
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.

APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3230R1C1
 CURRENT APPLICATION NUMBER: US/10/063,513
 CURRENT FILING DATE: 2002-05-01
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO 111
 LENGTH: 2063
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-063-513-111

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-513-111 (1-2063)

QY	2	AspProAspSerAspGlnProLeuAsnSerLeuAspValysProLeuArgLysProArg	21
DB	219	GATCTGACAGTGAACCTCTGACAGCTCTGATGACACCTCTGCGAACCCTGCGAACCCTG	278
QY	22	ILEProMetGlnThrPheArgLysValGlyLeuProIleIleIleAlaLeuSerLeu	41
DB	279	ATCCCAAGGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGCACTAGAGCTG	338
QY	42	AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrPheLeu	61
DB	339	GCGAGTATCATCATTTGTGTCTCTCATCAAGGATTCGAAATTAATTAATTAATTAAT	398
QY	62	CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlyLeuAspCys	81
DB	399	TGCGGGAGCCTCTCACTTCAATCCGAGAGAGAGCTGTGTGACGAGAGCTGAGCTGT	458
QY	82	ProLeuGlyGlnAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla	101
DB	459	CCCTTGGGGAG	518
QY	102	ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp	121
DB	519	GTCCGCTCTCCAAAG	578
QY	122	PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet	141
DB	579	TTCCTGCTGCTGTTGACAACTTCAAGAGCTCTGAGAGAGAGAGAGAGAGAGAGAGAG	638
QY	142	GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161
DB	639	GAGTCAAGC-----AGAGCTGTGAGAGATTTGGCCAGAGAGAGAGAGAGAGAGAG	683
QY	162	ValValGlnIleThrGlnAsnSerGlnGlnLeuArgMetArgAsnSerSerGlyProCys	181
DB	684	GTTGTGAATCAGAGAAAG	743
QY	182	LeuSerGlySerLeuValSerLeuHisCysValMetAlaCysGlyLysSerLeuLysThrPro	201
DB	744	CTCTAGAGGCTCCCTGCTCTCTCTGACATGCTCTGCTGAGAGAGAGAGAGAGAGAGAG	803
QY	202	ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProGlnValSerIleGln	221
DB	804	CGTGTGCTGT	863
QY	222	TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla	241
DB	864	TACGACAAACAGACAGCTGT	923
QY	242	AlaHisCysPheArgLysHisThrAspValPheAsnTrpValArgAlaGlySerAsp	261

DB	924	GCCACAGCTTCAGAGAAACATCCAGATGTTCATCTGAGAGAGCGGAGAGCTCAGAC	983
QY	262	LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro	281
DB	984	AACTGGGAGAGCTTCCTCCATCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT	1043
QY	282	MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer	301
DB	1044	ATGTACCCAAAGACATGATGATGCTGCTCATGAGAGCTGAGAGTCCCATCATCTTCTCA	1103
QY	302	GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro	321
DB	1104	GGCAGAGTACAGCCCATCTGCTGCTCTTCTTATGATGAGAGAGCTCATCCAGCCCA	1163
QY	322	LeuTrpIleIleGlyTyrPglLysPheThrLysGlnAsnGlyLysMetSerAspIleLeu	341
DB	1164	CTTGATCATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	1223
QY	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln	361
DB	1224	CTGAGAGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	1283
QY	362	GlyGlnValThrGlyLysMetMetCysAlaGlyLysProGlnGlyValAspThrCys	381
DB	1284	GAGGAGTACACCGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	1343
QY	382	GlnLysAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyLe	401
DB	1344	CAGGTGACATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	1403
QY	402	ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrValSer	421
DB	1404	GTTAGCTGGGCTATGCTGT	1463
QY	422	AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGlnLeu	435
DB	1464	GCTATCTCACTGATCTCAATGATGATGATGATGATGATGATGATGATGATGATGATGAT	1505

RESULT 144
 US-10-063-514-111
 ; Sequence 111, Application US/10063514
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,514
 ; CURRENT FILING DATE: 2002-05-01
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; US-10-063-514-111

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-514-111 (1-2063)

QY 2 AspProAspSerSerPglInProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
DB 219 GATCTGACAGATATCAAACTCTGAACAGCTCGATGTCAAACTCCGCGCAAAACCCCGT 278
QY 22 IleProMetGluThrPheArgIysValIleProIleIleIleIleLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATCATGACCTACTGAGCTG 338
QY 42 AlaSerIleIleIleValValIleLeuIleValIleLeuAspIysIleTyrPheLeu 61
DB 339 GCGAGATATCATCTGTGGTGTCTCATCAAGTGATTCGGATTAATATCACTTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TGGGGACAGCTCTCCACTTCATCCGAGAGAACAGACTGTGTGACGAGACGTGACCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValIlysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTGGGGAGAGACGAGAGACCTGTGTCAAGAGCTTCCCGAAGGCTTGCAGTGGCA 518
QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAAAGGACCGATCCACATGACAGTGTGACTCGGCCACAGGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTCGCTGCTTTTGCACAACTTCACAGAACTTCTGCTGACAGACCTGTAGGAGATG 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGGAGATTGGCCGACGACAGAGACTGGAT 683
QY 162 ValIleGluIleThrGluAsnSerGlnGluLeuAspMetAlaGlnSerSerGlyProCys 181
DB 684 GTTGTGAAATACAGAAACAGCCAGAGAGCTTGCATGCGGAACCTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuIleThrPro 201
DB 744 CTCTCAGGCTCCCTGTCTCCCTGTGCACTGTCTGTGCGGAAAGACCTTAAGACCCCC 803
QY 202 ArgValIleGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGGGTGGGAGAGAGCCCTGTGTGATCTTGTGGCCTTGGCAGTACGATCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACGACAAACAGCAGCTGTGTGAGAGAGCATCTGAGACCCCACTGAGTCTTCAACGGCA 923
QY 242 AlaHisCysPheArgIysHisIleThrAspValPheAsnTrpIysValAlaGlyIleSerAsp 261
DB 924 GCCCAGCTGCTTCAGGAAACATACCGATGTGTTCAACTGGAAAGTGGCGGACGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
DB 984 AAACCTGGGACGCTTCCATCTCTGTGCTGTGGCCAAAGATCATCATCATTAATTAACACCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTAACCCCAAGACATGATGATGCTCATGAGAGCTGAGTCCCACTCACTTCTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluIleLeuThrProAlaThrPro 321
DB 1104 GCGACAGTACAGGCCCATCTGTCTGCTCTTGTATGAGAGAGCTCACTCAGCAACCCCA 1163
QY 322 LeuTrpIleIleGlyTyrPglIysPheThrIysGlnAspGlyGlyLysPheSerAspIleLeu 341
DB 1164 CTCTGATCATTTGGATGGGCTTTTACAGACAGAGATGAGAGAGATGCTTCACTATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTCAGGCGTCACTGTCAGTCACTTGAACAGACAGGCTGCAATGCAACATGCGTACAG 1283

QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGluGlyValAspThrCys 381
DB 1284 GGGGAATCACCGAGAAAGATATGTGTGACAGGCATCCCGAAGGGGTGTGGACACTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
DB 1344 CAGGATACAGTGTGTGGCCCTGATGTACCAATCTGACCAAGTGCATGTGTGGGCACT 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrIysValSer 421
DB 1404 GTTAGCTGGGCGTATGGCTCGCGGGGCCGAGACCCCAAGACTATACACCAAGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGluLeu 435
DB 1464 GCTATCTCAATGATCATATGTCTGGAAAGCTGAGACTG 1505

RESULT 145

US-10-063-515-111
Sequence 111, Application US/10063515
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William J.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,515
CURRENT FILING DATE: 2002-05-01
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-515-111

Alignment Scores:

Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-515-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
DB 219 GATCTGACAGATATCAAACTCTGAACAGCTTCATGTCAAACTCCGCGCAAAACCCCGT 278
QY 22 IleProMetGluThrPheArgIysValIleProIleIleIleIleLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACACTGAGCCTG 338
QY 42 AlaSerIleIleIleValValIleLeuIleValIleLeuAspIysIleTyrTrpPheLeu 61
DB 339 GCGAGTATCATCTGTGGTGTCTCATCAAGTGATTCGGATTAATATCACTTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TGGGGACAGCTCTCCACTTCATCCGAGAGACGCTGTGTACCGAGAGCTGAGACTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValIlysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTGGGGAGAGACGAGAGACCTGTGTCAAGAGCTTCCCGAAGGCTGCGAGTGGCA 518

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QY 102 ValArgLeuSerIleValAspArgSerThrIleuGlnValIleuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAGAACCACTGCACTGAGGCTGGCTGGCCAGGGAAGCTGG 578
QY 122 PheSerAlaCysPheAspAsnPhetheGlnAlaIleuAlaGlnTrpAlaCysArgGlnMet 141
DB 579 TTCCTGCTGCTTTCGACAACTTCAAGAACTCTGCTGAGACAGCTGTAAGCAATG 638
QY 142 GlyTyrSerSerIleProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGACCTGTGGAGATTGGCCAGACAGATCTGGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAAGAAACCAAGCAAGCTTGGCATCGGAAGCTCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerIleuHisCysLeuAlaCysGlyLysSerLeuIleThrPro 201
DB 744 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTGCTGGGGAAGAGCTCAAGACCCCC 803
QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGGTGGTGGGAGAGAGGCTCTGTGATTTCTTGCCCTTGGCAGGTCAAGTCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleuThrAla 241
DB 864 TACGACAAACAGCAGCTGTGTGAGAGAGACATCTGAGACCCCACTGGGTTCTTCAGGCA 923
QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 924 GCCACCTGCTTCAGAAACATACCAATGTTTCACTGGAAGTGGGAGGCTCAGAC 983
QY 262 LysIleuGlySerPheProSerIleuAlaValAlaIleIleIleGlnPheAsnPro 281
DB 984 AACCTGGGACGCTTCCATCCCTGGCTGTGGCAAGATCATCATTAATTCACACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaIleuMetLysIleuGlnPheProLeuThrPheSer 301
DB 1044 ATGTAACCCCAAGAAATGACATGCTCATGAAGCTGCAAGTCCCACTTCCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGGCCATCTGTCTGCTTCTTTGATGAGAGCTCACTCCAGCCCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGCTTTTACGAAGCAGATGGAGGAGATGCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAAGGCTCAGTCAAGTCAATTGACAGACACAGGTGATGACAGATGCTGAC 1283
QY 362 GlyIleValIleThrGlnLysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381
DB 1284 GGGGAAGTCAAGCAAGAAATGATGTGTGAGGCACTCCGGAAGGGGTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyIleProLeuMetTyrGlnSerAspGlnTrpHisValGlyIle 401
DB 1344 CAGGCTGACAGTGTGGGCTTGTGATGTACATCTGACAGTGGCATGTGTGGGATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyLysProSerTrpProGlyValTyrThrLysValSer 421
DB 1404 GTTACTGGGGCTAAGCTGCGGGGCTCCGAGCAGCCCGAGATACACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGlnLeu 435
DB 1464 GCCTATCTCAACTGATCTCAATGCTCTGGAAGGCTGAGCTG 1505

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RESULT 146
 US-10-063-516-111
 ; Sequence 111, Application US/10063516
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.

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; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OR INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT FILING DATE: 2002-05-01
; PRIOR Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-516-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-516-111 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCTGACAGTGAATCACTCTGAACGCTTCATGCTCAACCCCTGCGAAACCCCTG 278
QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCAAGAGACCTTCAGAAAGTGGGATCCCAATCATATGACATAGCACTAGAGCTG 338
QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTrpPheLeu 61
DB 339 GCGAGTATCATATGTGGTGTCTCTCATCAAGGTGATTCGGAATTAATTAATTAATTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyLysLeuAspCys 81
DB 399 TCGGGGAGCCCTCTCACTTCAATCCAGAGACAGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyLysAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla 101
DB 459 CCTTGGGGGAGAGACAGAGACACTGTCTCAAGACTTCCCGAAGGGGCTGAGTGGCA 518
QY 102 ValArgLeuSerIleValAspArgSerThrIleuGlnValIleuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAGAACCACTGCACTGAGGCTGGCTGGCCAGGGAAGCTGG 578
QY 122 PheSerAlaCysPheAspAsnPhetheGlnAlaIleuAlaGlnTrpAlaCysArgGlnMet 141
DB 579 TTCCTGCTGCTTTCGACAACTTCAAGAACTCTGCTGAGACAGCTGTAAGCAATG 638
QY 142 GlyTyrSerSerIleProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGACCTGTGGAGATTGGCCAGACAGATCTGGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAAGAAACCAAGCAAGCTTGGCATCGGAAGCTCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerIleuHisCysLeuAlaCysGlyLysSerLeuIleThrPro 201
DB 744 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTGCTGGGGAAGAGCTCAAGACCCCC 803
QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221

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Db 804 CGTGTGTGGGTGGGAGAGAGGCGCTCTGTGATTTCTTGCGAGTTCAGATCCAG 863
QY 222 TyrAspLysGlnHsValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAAGACGAGCTGTGTGAGGAGGATCCTGAGCCCACTGGGCTCTCAGCGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCACGCTCTTACGAAACATACCGATGTTCATACCTGGAAGGTGCGGCGAGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleGlnPheAsnPro 281
Db 984 AAACCTGGGAGCTTCCATCCCTGCGTGTGCGCAAGATCATCATTTGAATTCAACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAAAGACATGACATGCGCCCTCATGAACTGCAAGTCCCACTCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGlnGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCGCATCTGTCTGCGCTTCTTGATGAGAGACTCATCTCAGCCCA 1163
QY 322 LeuTrpIleIleGlyThrProLysPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGGATCATGTGATGGGAGGCTTTACGAAAGCAATGGAGAGATGCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThrGln 361
Db 1224 CTGCAGGCGCTCAGTCCAGGTCATTTGACAGCACCGGTGCATGACAGAGCGTACAG 1283
QY 362 GlyGlyValThrGluLysMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGAGAGTCACGGAAGATGATGTGTGAGGATCCCGAAGGGGGGTGTGGACCTGCG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
Db 1344 CAGGCTGACAGTGTGGGCGCTGTGATGACCATGTGACAGTGGCAGTGGTGGGATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTACCTGGGCTATGCTGTGGCGGGCGCCGAGCACCCAGAGATATACACCAAGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1464 GCCTATCTCACTGATCTACAAATGTCTGAAAGGCTGAGCTG 1505
RESULT 147
US-10-063-517-111
; Sequence 111, Application US/10063517
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; CURRENT APPLICATION NUMBER: US/10/063,517
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-517-111
Alignment Scores:

Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Dels: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-517-111 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerIleuAspValLysProLeuArgLysProArg 21
Db 219 GATCTTACAGATATCAACCTTGAACAGCTCGATGTCAAACTCCCTGGCGCAACCCCGT 278
QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerIleu 41
Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATATCATATACACTTACAGCTCTG 338
QY 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
Db 339 GCGAGTATCATCTTGTGTGTCTCATCAAGTATCTGGATPAAATTAATTAATCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGCGGAGGCTCTCATCTTATCCGAGAAAGCAGCTGTGTGACGAGAGGCTGAGCTGT 458
QY 82 ProLeuGlyGlnAspGlnGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTGGGAGGAGCAGAGAGCATGTGTCAAGAGCTTCCGAAAGGGCTGTGAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGACCATGACATGACAGGCTGTGTGACGAGAGGCTGAGACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTGTGCTGTGTGACAACTTCACAGAGCTTCGCTGACAGACCTGTATGGCAGATG 638
QY 142 GlyTyrSerSerLysPheProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATTTGGCCCGACACAGATCTGGAT 683
QY 162 ValValGluIleThrGlnAsnSerGlnGluLeuArgMetCysAsnSerSerGlyProCys 181
Db 684 GTTGTGTAATACAGAAACAGCCAGAGGCTTGCATGCGGAACTCAAGTGGGCGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCCTGTGTCTCCCTGCACTGTCTTGCTGTGGAAAGAGCTGTAAAGACCC 803
QY 202 ArgValValGlyGlyGlnGluAlaSerValAspSerTrpTrpGlnValSerIleGln 221
Db 804 CATTGTGTGGGTGGGAGAGAGGCGCTGTGTGATTTCTTGGCGTGGAGGTGACGATCCAG 863
QY 222 TyrAspLysGlnHsValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAAGACGAGTGTGTGAGGAGATCTTGAACCCCACTGGTCTCTCAGCGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCACGCTCTTACGAAACATACCGATGTTCATACCTGGAAGGTGCGGCGAGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleGlnPheAsnPro 281
Db 984 AAACCTGGGAGCTTCCATCCCTGCGTGTGCGCAAGATCATCATTTGAATTCAACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAAAGACATGACATGCGCCCTCATGAACTGCAAGTCCCACTCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGlnGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCGCATCTGTCTGCGCTTCTTGATGAGAGACTCATCTCAGCCCA 1163

QY 322 LeuTPIlelleIleGlyTTPGlyPheThrlyGlnInaenglyGlylyMetSerAspIleLeu 341
 Db 1164 CTCGGATCATTTGATGGGGCTTTACAGACGAATGAGGAGATGTCGACATACG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThraGySaanaIAspAspAlaTyGln 361
 Db 1224 CTGACAGGCTCAGTCAGGTCAATTCAGACACAGGTCGAATGACGAGATGCGTACAG 1283
 QY 362 GlyIuValThrGluyluMetMetCysAlaGlyIleProGluGlyIuValAspThrCys 381
 Db 1284 GGGGAGTCAACCGAGAGATGATGTGTGACGACATCCGAGAGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyIuProleuMetTyrgInSerAspGlnTTPHISValIuGlyIle 401
 Db 1344 CAGGCTGACAGTGTGGGCCCCCTGATGTACCAATTCGACAGTGGCATGTGGGCAATC 1403
 QY 402 ValSerTPGlyTyGlyCysGlyIuProSerThrProGlyValTyThrlyValSer 421
 Db 1404 GTTAGCTGGGCTTAGGCTGGGGGGCCGAGCACCCAGAGTATACCAAGGTCTCA 1463
 QY 422 AlaTyLeuAsnTPIleTyThaValIuTlyValIuGluLeu 435
 Db 1464 GCCTATCTCACTGATCTACATGTCTGAAAGCTGAGCTG 1505
 RESULT 148
 US-10-063-518-111
 ; Sequence 111, Application US/10063518
 ; GENERAL INFORMATION:
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey J.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Maranabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,518
 ; CURRENT FILING DATE: 2002-05-01
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-063-518-111
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 5
 Query Match: 98.10% Indels: 1
 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-063-518-111 (1-2063)
 QY 2 AppProAspSerThraGlnProleuAsnSerLeuAspVallyProleuArglyProArg 21
 Db 219 GATCCGACGATGATCAACCTCTGAAACACCTGAGTCAACCCCTGCGCAAAACCCCGT 278
 QY 22 rleProMetGluThrPheArglyValGlyIleProIlelleleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATACATACATACGACCTG 338
 QY 42 AlaSerIlelleleValValValLeuIleValValIleLeuAspLyTyThrIleu 61
 Db 339 GCGAGTATCATCATGTGTGTGCTTCATCAAGGTATTCGTGATTAATCACTTCTTC 398
 QY 62 CysGlyGlnProleuHisPheIleProArglyGlnLeuCysAspGlyGluLeuAspCys 81

Db 399 TGCCGGAGCCTCTCCCATTCATCCAGAGAGAGCTGTGTGACGAGAGCTGACCTG 458
 QY 82 ProleuGlyIuAspGluGluHisCysVallySerPheProGluGlyProAlaValAla 101
 Db 459 CCTTGGGGAGAGAGAGACATCTGTCAAGACTTCCCGAAGGGCTGCGAGTGCA 518
 QY 102 ValArgLeuSerLyAspArgSerThraGlnValIleuAspSerAlaThrGlyAsnTTP 121
 Db 519 GTCCGCTCTCCAGAGACCATTCACACTGAGAGGTGTGACTGGCCACAGGAACTCG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCTCTGCTGTTCGACCACTTCACAGAGCTCTGCTGAGAGAGCTGTAGGACAGTGG 638
 QY 142 GlyTySerSerLyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGGTACAGC-----AGAGCTGTGAGATTGGCCAGACAGAGATCTGGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnIuLeuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGAATCAGAGAAACAGCCAGAGACTTGGCANTGGGAACTCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlylySerLeuLyThrPro 201
 Db 744 CTCTCAGGCTCCCTGTGTCTCCCTGCACTGTCTGTGTGGAGAGAGCTGAGACCCCC 803
 QY 202 ArgValValGlyIuGlyIuGluAlaSerValAspSerTTPProTTPGlnValSerIleGln 221
 Db 804 CGTGTGGGTGGGAGAGAGAGCTGTGTGATTTTGTGGCTTGGCAGGTACAGATCCAG 863
 QY 222 TyrAspLyGlnHisValCysGlyIuSerIleLeuAspProHisTTPValLeuThrAla 241
 Db 864 TACAGCAACACAGACGTGTGTGAGAGAGCATTCGAGACCCCACTGGGTCTTCAAGGCA 923
 QY 242 AlaHisCysPheArglyPheHisThrAspValPheAsnTTPlyValArgAlaGlySerAsp 261
 Db 924 GCCCACTGCTTCAGAGAAACATACCGATGTGTCACTGAAAGTGGCGGGAGGCTCAAGC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIlelleleGluPheAsnPro 281
 Db 984 AAACGTGGAGCTTCCATCCCTGTGTGTGGCAAGATCATCATATTCATCAACCCC 1043
 QY 282 MetTyProLyAspAspAspIleAlaLeuMetCysLeuGlnPheProleuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGACATGCTCCCTCATGAGCTGCACTTCCACTTCTTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAAGCCCATGTGTCTGCTCTTCTTGTATGAGAGCTCACTCCAGCCACCCCA 1163
 QY 322 LeuTPIlelleIleGlyTTPGlyPheThrlyGlnInaenglyGlylyMetSerAspIleLeu 341
 Db 1164 CTCCTGATCATTTGATGGGGCTTTACAGACGAATGAGGAGAAATGTCTGACATACG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThraGySaanaIAspAspAlaTyGln 361
 Db 1224 CTGACAGGCTCAGTCAGGTCAATTCAGACACAGGTCGAATGACGAGATGCGTACAG 1283
 QY 362 GlyIuValThrGluyluMetMetCysAlaGlyIleProGluGlyIuValAspThrCys 381
 Db 1284 GGGGAGTCAACCGAGAGATGATGTGTGACGACATCCGAGAGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyIuProleuMetTyrgInSerAspGlnTTPHISValIuGlyIle 401
 Db 1344 CAGGCTGACAGTGTGGGCCCCCTGATGTACCAATTCGACAGTGGCATGTGGGCAATC 1403
 QY 402 ValSerTPGlyTyGlyCysGlyIuProSerThrProGlyValTyThrlyValSer 421
 Db 1404 GTTAGCTGGGCTTAGGCTGGGGGGCCGAGCACCCAGAGTATACCAAGGTCTCA 1463
 QY 422 AlaTyLeuAsnTPIleTyThaValIuTlyValIuGluLeu 435

Db 1464 GCCTATCTCACTGATCTACAAATGTCGGAAGCTGAGCTG 1505
RESULT 149
US-10-063-519-111
; Sequence 111, Application US/10063519
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,519
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-519-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
DB: 40
US-10-803-530-2 (1-435) x US-10-063-519-111 (1-2063)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuAspGlyProArg 21
Db 219 GATCTGACACTGATTCACCTCTGAAACGCTTCATGTCGAAACCCCTGCGAACCCTG 278
Qy 22 LLeProMetGluThrPheArgLysValGlyLLeProIleIleIleValLeuLeuSerLeu 41
Db 279 ATCCCCATGAGACCTTCAGAAAGTGCGGATCCCATCATCATAGCACTAGAGCTG 338
Qy 42 AlaSerIleIleIleValIleValIleLeuIleValIleLeuAspLysIleTyrPheLeu 61
Db 339 GCGAGTATCATCATTTGATGTTGCTCTCATCAAGGTGATCTGGATTAATCTACTTCTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGCGGAGAGCTCTCCACTTCATCCCGAGAGAGAGCTGTGTGACGAGAGCTGACTGT 458
Qy 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCGCTTGGGGAGAGCGAGAGCACTGTGTCAAGGCTTCCCGAAGGCGCTGAGTGGCA 518
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
Db 519 GTCCGCTCTCCAGAGACCATTCACACTGCAAGGTGCTGGACTGCGCACAGGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTTGCACCACTTCACAGAGCTCTCGCTGAGACAGCTGTAGGCAATG 638
Qy 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGGCTACAGC-----AGAGCTGTGAGATTGGCCACAGCAGATCTGGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTTCAATTCACAGAAACAGCCAGAGACTTCGATGCGGAATCAAGTGGGCGCTGT 743

Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCCTGGCTCTCCCTGCACTGTCTTGCTGGGAAGCCCTGAAGACCCCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTyrProThrProGlnValSerIleGln 221
Db 804 CGTGTGGGTGGGAGAGAGGCTCTGTGATTTCTTGAGCTTGGCAGGCTGACATCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTyrValLeuThrAla 241
Db 864 TAGACAAACAGACCGCTGTGGAGGGAGCATCTGGACCCCACTGGAGCTTCACAGGCA 923
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTyrLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAAACATACCAGATGTGTCACTGGAAAGGTGCGGCGAGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
Db 984 AAACCTGGCAGCTTCCATCTCGCTGTGGCCAAAGTATCATCTGAATTCACACCCC 1043
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAAAGACATGACATCGCCCTCATGAAAGCTGCAAGTCCCACTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTTCTTGTGATGAGAGCTCACTCCAGCACCCCA 1163
Qy 322 LeuThrIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGGATGGGCTTTACGAAGCAGAAATGAGAGGAATGTCTGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTCAGGCGCTTCAGGTCAGGTCATTCACACACACGCTGCACATGCAACGATGGTTCAG 1283
Qy 362 GlyIleValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAlaAspThrCys 381
Db 1284 GGGGAAGTACCCAGAAAGATGATGTGTGACAGGATCCCGAAGGGGTGTGACACTTC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnThrHisValValGlyIle 401
Db 1344 CAGGCTGAGAGTGTGGGCTGCGGATGTACCATGTGACAGATGGCATGTGGGCAATC 1403
Qy 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTAGCTGGGGCTATGGCTGCGGGGCCCGAGACACCCAGAGGTATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLysAlaGluLeu 435
Db 1464 GCCTATCTCACTGATCTACAAATGTCGGAAGCTGAGCTG 1505

RESULT 150
US-10-063-520-111
; Sequence 111, Application US/10063520
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,520
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170


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; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-520-111

Alignment Scores:
Pred. No.: 0          Length: 2063
Score: 2297.50       Matches: 429
Percent Similarity: 98.85%  Conservative: 0
Best Local Similarity: 98.85%  Mismatches: 0
Query Match: 98.10%  Indels: 5
DB: 40          Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-520-111 (1-2063)
QY 2 AAPPProApsSerApsGlnProLeuAmsSerLeuApsValysProLeuArylsProArg 21
DB 219 GATCCTGACAGTGAACCACTCTGAAACAGCTCGATGCAAAACCCCTCGCAAAACCCCGT 278
QY 22 ILeProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerIleu 41
DB 279 ATCCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATAGCACTAGAGCTTG 338
QY 42 AlAserIleIleIleValIleValIleuIleuValIleuApsIleuTyrrPheLeu 61
DB 339 GCGAGTATCATATGATGTGTCTCATACAGGATTCGATTAATTAATTAATTAATTAATTA 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyIleuLeuApsCys 81
DB 399 TGCCGGGAGAGCTCTCCACTTATCCGAGAAAGAGCTGTGAGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGlnApsGlnGlnHisCysValysSerPheProGlyProAlaValAla 101
DB 459 CCCTTGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValAlaGlnSerLysApsArgSerThrLeuGlnValIleuApsSerAlaThrGlyApsTrp 121
DB 519 GTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
QY 122 PheSerAlaCysPheApsApsPheThrGlnAlaValAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTGCTGCTGTTGAGACACTTCACAGAGCTCTGCTGAGACAGCTGTATGAGAGAGAG 638
QY 142 GlyTrpSerSerLysProThrPheArgAlaValAlaGluIleGlyProApsGlnApsLeuAps 161
DB 639 GAGCTAGAGC-----AGAGCTGAGAGATGGCCAGACAGAGATCTGAGAT 683
QY 162 ValValAlaGluIleThrGlnApsSerGlnGlnArgMetArgApsSerSerGlyProCys 181
DB 684 GTTGTGTAATTCAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuIleThrPro 201
DB 744 CTCTAGAGGCTCCCTGCTCTCCCTGCACTGTCTTGCTGTGGAGAGAGAGAGAGAGAGAGAG 803
QY 202 ArgValAlaGlyIleGlnGlnAlaSerValApsSerTrpProGlnValSerIleGln 221
DB 804 CGTGTGTGTGTGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 863
QY 222 TyrApsLysGlnHisValCysGlyIleSerIleLeuApsProHisIleThrValLeuThrAla 241
DB 864 TACGACAAACAGACAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 923
QY 242 AlaHisCysPheArgLysHisThrApsValPheApsTrpLysValArgAlaGlySerAps 261
DB 924 GCCCATGCTTTCAGAAACATACCAATGCTTCACTGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheApsPro 281
DB 984 AAACAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1043
QY 282 MetTrpProLysApsApsApsIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301

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DB 1044 ATGTACCCCAAGACATGACATGACCCCTCATGAAAGCTGAGATCCACTCATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheApsGlnGlnLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGGCCCATCTGTCTGCTCTTGTATAGAGAGCTCATCTCCAGCAACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnApsGlyIleuLysMetSerApsIleu 341
DB 1164 CTCTGATCATTTGATGAGAGGCTTTTACAGACAGAAATGAGAGAGAGATGTCTGACATACGTG 1223
QY 342 LeuGlnAlaSerValGlnValIleApsSerThrArgCysApsAlaApsApsAlaTTyrGln 361
DB 1224 CTGCAAGGCTCAAGTCAAGTCAATGACAGCACAGGGTGCATATGACAGAGAGAGAGAGAGAG 1283
QY 362 GlyIleValIleThrGlyLysMetMetCysAlaGlyIleProGlnGlyIleValApsThrCys 381
DB 1284 GGGAGAGTCAACCGAAGAGATGTGTGACAGGATCCCGAAGAGAGAGAGAGAGAGAGAGAG 1343
QY 382 GlnGlyApsSerGlyIleProLeuMetTyrrIleSerApsGlnTrpHisValValGlyIle 401
DB 1344 CAGGCTGACAGTGTGTGGGCTTGTATGATCAATCTGACAGTGTGTGTGTGTGTGTGTGTGT 1403
QY 402 ValSerTrpGlyTyrrGlyCysGlyIleProSerThrProGlyValIleThrLysValSer 421
DB 1404 GTTAGCTGGGCTATGCTGTGCGGGGCCGAGCACCCAGAGATATACCAAGAGTCTCA 1463
QY 422 AlaTyrrLeuApsTrpIleTyrrApsValTrpLysAlaGlnLeu 435
DB 1464 GCCTATCTCAACTGATCTCAATGTCTGAGAGGCTGAGCTG 1505

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RESULT 151

US-10-063-521-111
; Sequence 111, Application US/10063521

; GENERAL INFORMATION:

; APPLICANT: Baton, Dan L.

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gerritsen, Mary B.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Macanabe, Colin K.

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3230R1C1

; CURRENT FILING DATE: 2002-05-01

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 170

; SEQ ID NO 111

; LENGTH: 2063

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-063-521-111

Alignment Scores:

Pred. No.: 0 Length: 2063

Score: 2297.50 Matches: 429

Percent Similarity: 98.85% Conservative: 0

Best Local Similarity: 98.85% Mismatches: 0

Query Match: 98.10% Indels: 5

DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-521-111 (1-2063)

```

QY 2 AAPPProApsSerApsGlnProLeuAmsSerLeuApsValysProLeuArylsProArg 21
DB 219 GATCCTGACAGTGAACCACTCTGAAACAGCTCGATGCAAAACCCCTCGCAAAACCCCGT 278
QY 22 ILeProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerIleu 41

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D	b		275	AATCCCATGAGACCTTCAGAAAGGTGGGAGATCCCATTCAATCATAAGCACTAATGAAGCTTG	338
O	y		42	AlaSerIleIleIleValValValLeuIleIleValIleLeuAspLysTyrTyrPheLeu	61
D	b		339	GCGAGATATCATCATTTGTGGTTGCCTTCATCAAGGTGATTTCTGGATTAAATACTACTTCTC	398
O	y		62	CysGIgLI-ProLeuHisPheIleProArgLysGlnLeuLysAspGIyGIuLeuAspCys	81
D	b		399	TGGGGCAGCCTTCTCCACTTCATCCGAGGAAACAAGCTGTGTACAGAGAGGCTGAGCTGT	458
O	y		82	ProLeuGIyGIuAspGIuGIuHisCysValIleSerPheProGIuGIyProIleValAla	101
D	b		459	CCCTTGGGGAGGACGAGAGGACGTGTGTCAAGAAGCTTCCCCAAGGGCTCGACATGGCA	518
O	y		102	ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGIyaenTP	121
D	b		519	GTCCGCTCTCCAAAGAACCGATCAACATCGACAGGTCTGTGACTCGGCCACAGGGAACTGG	578
O	y		122	PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgInMet	141
D	b		579	TTCTCTGCGCTGTTTGCACAACTTCACAGAAAGCTCTGCTGAGACAGCTGTAGGCAAGT	638
O	y		142	GIYTYrSerSerLysProThrPheArgAlaValGluIleGIyProAspGIuAspLeuAsp	161
D	b		639	GGCTACAGC-----AGAGCTGTGGAATTTGGCCCAACAGAGATCTGGAT	683
O	y		162	ValIValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGIyProCys	181
D	b		664	CTTTGTGAAATATACAGAAAACAGCCAGAGACTTGGATGGGAACATCAAGTGGGCTCTGT	743
O	y		182	LeuSerGIySerLeuValSerLeuHisCysLeuAlaCysGIyLysSerLeuLysThrPro	201
D	b		744	CTCTCAGGCTCCCTGGTCTCCCTGCACCTGTCTTGGTGGGAAGAGCCGTGAAGACCCC	803
O	y		202	ArgValIValGIyGIyGluGluAspSerValAspSerTrpProTrpGlnValSerIleGln	221
D	b		804	CGTGTGTGGGAGGGAGAGGCTCTGTGGANTCTTGGCTTTGGAGGTGACAGATCCAG	863
O	y		222	TyrAspLysGlnHisValCysGIyGIySerIleLeuAspProHisThrValLeuThrAla	241
D	b		864	TACGACAAACAGCACGTCGTGTGAGGAGACATCTGTGACCCCACTGGGCTCTCACGGCA	923
O	y		242	AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp	261
D	b		924	GCCCACTGCTTCAAGAAACATACCAGATGTGTCAACTGTGAAGGTGGGCGACAGCTCAGAC	983
O	y		262	LysLeuGIySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro	281
D	b		984	AAACTGGGCAAGTTCCTCATCTCTGGCTGTGGCCAGATATATATCATTTGAATTCAAACCC	1043
O	y		282	MecTyrProLysAspAsnAspIleAlaLeuMecLysLeuGlnPheProLeuThrPheSer	301
D	b		1044	ATGTATACCCCAAGAACATGACATCCCTCCATGAGAGCTGTGCACTTCCACTCACTTCTCA	1104
O	y		302	GlyThrValArgProIleCysLeuProPhePheAspGIuGluLeuThrProIlaThrPro	321
D	b		1104	GGCAGAGTCAGGCCCATCTGTGTGCCCTTCTTTGATGAGAACTCACTCCACCAACCCA	1163
O	y		322	LeuTrpIleIleGIyTyrGIyPheThrLysGlnAsnGIyGIyLysMetSerAspIleLeu	341
D	b		1164	CTCTGATCATTTGATGGGGCTTTTACGAAGCAGATGTGAGGGAAATGTCTGACATAC TG	1222
O	y		342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln	361
D	b		1224	CTGCAAGGGGTAGTCAAGTCAATTCACAGCACACGTCATCAATGCAAGAGATGCCATACAG	1283
O	y		362	GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGIyValAspThrCys	381
D	b		1284	GGGGAAGTCACCGAAGAATGATGTGTGCAAGGCATCCCGAAGGGGTGTGACACCTGGC	1344
O	y		382	GlnLysAspSerGIyGIyLysProLeuMecTyrGlnSerAspGlnTrpHisValGlyIle	401
D	b		1344	CAGGTGTACATGTGTGGGCCCCCTTAATGTACAAATCTGACAGTGGCAATGTGTGGGCATC	1400

OY	402	falsertpglytyrarglycyserylglyproserthrpoisylvalyrrthllysValSer	421
Dd	1404	GTTACTGGGCGCTATGGCTGCCGGGGCCCGAGCACCCCAGAGATTACCAAGAAGTCTCA	1463
OY	422	AlaryrieuaantPdleryrasnaValIzpylsalagutieu	435
Dd	1464	GCCATTCCAACTGAGTCTACAAGTGCTGGAGAGCTGAGCTG	1505

RESULT 152
IIS-10-063-

Sequence 111, Application US/10063523

; APPLICANT: Eaton, Da

APPLICANT: Filvaroff, Ellen

APPLICANT: Gerritsen, Mary E
APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS

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; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1

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CURRENT APPLICATION NUMBER: US/10/063,523
CURRENT FILING DATE: 2003-05-03

CONSENT FILING DATE: 2002-03-02
Prior Application removed - See File Wrap

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; NUMBER OF SEQ ID NOS: 170
;
; SEQ ID NO 111

```

LENGTH: 2063

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; TYPE: DNA
; ORGANISM: Homo Sapiens

```

US-10-063-523-111

Alignment Scores:

Pred. No.:
Score:

Percent Similarity

Best Local Similarity Match:

DB:

US-10-803-530-2

2 Astr

—
—
—

DB 219 GAT

22 11e
QY

Db 279 ATC

42 A1= 0v

[illegible]

Db 339 GCC

QY 62 Cys

Db 399 TGC

03 Dec 07

02
FLO
111}

459 CCC Db

QY 102 Val

Db 519 GTC

Our 122 Phos

111

Db 579 TTC


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Db      924 GCCCACTGCTTCAGAAACATCCGATGTTCACTGGAAGGTGGGGCAGGCTCAGAC 983
QY      262 LVSLLEGLYSERPHROSERLEUVALVALALVALLELELELEGLINPHEANPRO 281
Db      984 AAACTGGGAGCTTCCCATCCCTGGCTGGCCAAAGATCATCATTAATTCAACCCC 1043
QY      282 MetTYRProLYAspAsnAspIleAlaLeuMetLYSLeuGlnPheProLeuThrPheSer 301
Db      1044 AAGTACCCCAAGAACATGACATCCGCCCTCATGAAAGCTGACTTCCACTCATCTTCTCA 1103
QY      302 GLYTHRVALARGPROILECYSELEUPROPHENASPGLUGLULEUTHPROALATHRPRO 321
Db      1104 GGCAACAGTCAGGCCCATCTGCTGCCCTTCTTGATGAGAGCTCATCTCCAGCCACCCCA 1163
QY      322 LeuTRPILLEGLYTRGGLYPHERTHRYSGLINAMGLYGLYLYMETSERASPILLEU 341
Db      1164 CTCTGGATCATTTGGATGGGGCTTTTACAGACGAATGGAGGGAAGATGCTGTACACTACTG 1223
QY      342 LeuGlnAlaSerValGlnValIleAspSerThrArgCYsAsnAlaAspAspAlaTYRGLN 361
Db      1224 CTGCAGGGCGTCAGTCAGGTCATTCAGACACACGGGTGCAATGCAGATGCCATGCCATCCAG 1283
QY      362 GLYGLUVALITHRGLINLYMETSERYSALAGLYILEPROGLUGLYGLYVALASPTHRYS 381
Db      1284 GGGGAAGTCACCCGAAGAAGTGAATGTGTGAGGSCATCCGGAAAGGGGGTGTGACACCTGC 1343
QY      382 GlnGLYAspSerGLYGLYProLeuMetTYRGLINserAspGlnTRPILeValValGLYILE 401
Db      1344 CAGGGTGAACAGTGTGGGGCCCTGATGTACCAATGTGACAGTGGCATGTGGTGGGCAATC 1403
QY      402 ValSerTRPGLYTYRGLYCYSGLYGLYProSerThrProGlnValTYRThrLYSValSer 421
Db      1404 GTTAGCTGGGGCTAAGGCTGTGGGGGGCCCGAGCACCCGAGATATACCAAGGTCTCA 1463
QY      422 AlaTYRLeuAsnTRPILeTYRAsnValTRPYSAlaGlnLeu 435
Db      1464 GCCATCTCAATCGATCTTAATGTCTGAAAGGCTGAGCTG 1505

RESULT 154
US-10-063-525-111
; Sequence 111, Application US/10063525
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gettlesen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OR INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P323081C1
; CURRENT APPLICATION NUMBER: US/10/063,525
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-525-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-525-111 (1-2063)
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QY 362 G1ygluValThrGluYMetMetCysAlaGlyLeProGluGlyGlyValAspThrCys 381
 Db 1284 GGGGAAGTCAACGAGAGATATGTGTCAAGCATCCCGAAGGGGTGTGACACCTGC 1343
 QY 382 G1ng1yAspSerGlyGlyProLeuMetTyrgInserAspGlnTrpHisValValGlyLe 401
 Db 1344 CAGGTGACAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGCATC 1403
 QY 402 ValSerTrpGlyTyrgGlyCysGlyGlyProSerThrProGlyValTyrrThylValSer 421
 Db 1404 GTTAGCTGGGGCTATGTGGCTGGGGGCCGAGCACCCGAGATATACCAAGGTCTCA 1463
 QY 422 AlaTyrlAsnTrpIleTyrgAsnValTrpLysAlaGluLeu 435
 Db 1464 GCCTATCTCAACTGATCTTACAATGTCTGAAAGGCTGAGCTG 1505
 RESULT 155
 US-10-063-526-111
 ; Sequence 111, Application US/10063526
 ; GENERAL INFORMATION:
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,526
 ; PRIOR FILING DATE: 2002-05-02
 ; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-063-526-111
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-063-526-111 (1-2063)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 Db 219 GATCTGACAGTGAACACCTTGAACACCTCGATGTCAACCCCTGGGCAAAACCCCT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCAAGAGACCTTGGAAGAGGTGGGATCCCATCATCATGACACTACTGAGACCTG 338
 QY 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrrThylValSer 61
 Db 339 GCGATATCATCATGTGTGTCTCTCATCAAGGATTCGTGATTAATAACTACTTCTTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 Db 399 TGCGGGCAACCTCTCTCACTTCACTCCGAGGAAGCACTGTGTGACGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 Db 459 CCTTGGGGAG 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121

Db 519 GTCCGCTCTCAAGAGACCCATCACTGACAGGTGTGAGCTGGGCCACAGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCCTGCTGTGTTTCACAACTTCAACAGACTCTGCTGTGAGACAGCTGTAGGAGATG 638
 QY 142 G1TyrlSerSerLysProThrPheArgAlaValAlaGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGTACACAC-----AGACTGTGAGATGTCGCCAGACACAGATCTGGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGAATACACAGAAAACAGCAGGAGCTTGCATGCGGAATCAAGTGGGCTCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysValLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAAGCTCTCCGTGCTCTCTGACATGTCTTGTGTGGAAAGCCTTAAGACCCCC 803
 QY 202 ArgValAlaGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CTGTGTGGGTGGGAGAGAGGCTCTGTGATTTCTTGCCCTTGGCAGTCAAGATCCAG 863
 QY 222 TyraPlyGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
 Db 864 TACGCAAAACAGCAGCTGTGTGAGGAGCATCTGACCCCACTGGGCTCTCAAGGCA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 924 GCCACCTGCTTCAGGAACAAATCCGATGTGTCACTGGAAGGTGCGGGAGGCTCAAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
 Db 984 AACCTGGGAGCTTCCATCCCTGCTGTGGCCAGATCATATGATTTCAACCC 1043
 QY 282 MetTyrlProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGAAAGCAATGATGATGCCCTCATGAAGCTGCACTTCCACTCATTTTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAAGGCCATGTGTCTGCTTCTTGTATGAGAGCTCACTCCAGCCCA 1163
 QY 322 LeuTrpIleIleGlyTyrrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
 Db 1164 CTGTGATCATTTGATGGGCTTTTACAGAGCAAGATGAGAGAGATGTCTGACATACTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrgln 361
 Db 1224 CTGCAAGGCTCACTCAAGTCAATTCACAGCACAGCTGCATGACAGATGCGTACAG 1283
 QY 362 GlyGluValThrGluYMetMetCysAlaGlyLeProGluGlyGlyValAspThrCys 381
 Db 1284 GGGGAAGTCAACGAGAGATATGTGTCAAGCATCCCGAAGGGGTGTGACACCTGC 1343
 QY 382 G1ng1yAspSerGlyGlyProLeuMetTyrgInserAspGlnTrpHisValValGlyLe 401
 Db 1344 CAGGTGACAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGCATC 1403
 QY 402 ValSerTrpGlyTyrgGlyCysGlyGlyProSerThrProGlyValTyrrThylValSer 421
 Db 1404 GTTAGCTGGGGCTATGTGGCTGGGGGCCGAGCACCCGAGATATACCAAGGTCTCA 1463
 QY 422 AlaTyrlAsnTrpIleTyrgAsnValTrpLysAlaGluLeu 435
 Db 1464 GCCTATCTCAACTGATCTTACAATGTCTGAAAGGCTGAGCTG 1505
 RESULT 156
 US-10-063-527-111
 ; Sequence 111, Application US/10063527
 ; GENERAL INFORMATION:
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen

```

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,527
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-527-111

Alignment Scores:
Pred. No.: 0          Length: 2063
Score: 2297.50       Matches: 429
Percent Similarity: 98.85%   Conservative: 0
Best Local Similarity: 98.85%   Mismatches: 0
Query Match: 98.10%     Indels: 5
DB: 40                Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-527-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
Db 219 GATCCTGACAGTGTAACTCTGAAACAGCTCGATGTCMAACCCCTGGCGAAACCCCGT 278
QY 22 IleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCAAGTGAACCTTCAAGAAAGTGGAGATCCCAATCATCATAGACACTAGAGCTCG 338
QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleVal 61
Db 339 GCGAGTATCATCATTTGGTGTCTCTATCAAGGTGATTCGGATTAATCTACTTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGlnLeuAspCys 81
Db 399 TGCAGGAGCCTCTCCACTTCATCCCGAGAGAGAGCTGTGTACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGlnAspGlnGlnHisCysValIysSerPheProGlnGlnIleProAlaValAla 101
Db 459 CCTTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
QY 122 PheSerIleCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
Db 579 TTCTCTCTCTGTTTCAGAACTTTCAGAGAGAGCTCCCTGAGAGAGAGCTGAGAGATG 638
QY 142 G1TYrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCCTACAGC-----AGAGCTGTGAGAGATGGCCCAAGAGAGAGAGAGAGAGAG 683
QY 162 ValValGlnIleThrGlnAsnSerGlnIleuLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTTAAATCAACAGAAACAGCCAGAGAGCTTGCATGGGAGAGAGAGAGAGAGAGAG 743
QY 182 LeuSerIleSerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThrPro 201
Db 744 CTCTCAAGGCTCCCTGCTCCCTGCACTGTCTTGCCTGTGTGAGAGAGAGAGAGAGAG 803
QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 863
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QY 222 TyrAspIysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleuThrAla 241
Db 864 TACGACAAACAGACAGCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
QY 242 AlaHisCysPheArgIysHisTrpAspValPheAsnTrpIysValArgAlaGlySerAsp 261
Db 924 GCCACCTGCTTCAGAGAAACATACCATGTGTTCATCTGAGAGAGAGAGAGAGAGAG 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleGlnPheAsnPro 281
Db 984 AAACCTGGGAGAGCTTCCATCCCTGGGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAG 1043
QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAAACATATGATCATGCTCATATAGCTGATGATTCACATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGlnGlnLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAAGGCCCATCTGTCTGCTTCTTGTATGAGAGAGCTCATCCAGCACCCCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrIysGlnAsnGlyIysIysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGAGATGGGCTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaIysGln 361
Db 1224 CTGACAGGCTCACTCAAGTATGACAGACACGAGTGAATGACAGAGAGAGAGAGAG 1283
QY 362 GlyIleValThrGlyIysMetMetCysAlaGlyIleProGlnGlyIysValAspThrCys 381
Db 1284 GGGAGAGTACCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetIysGlnSerAspGlnTrpHisValValGlyIle 401
Db 1344 CAGGAGTACAGTGTGTGGGCTTTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyIysProSerThrProGlyValIleThrIysValSer 421
Db 1404 GTTACGTGGGCTATAGCTGTGGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGlnLeu 435
Db 1464 GCCTATCTCAACTGATCATATGCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1505

RESULT 157
US-10-063-528-111
; SEQUENCE 111, Application US/10063528
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,528
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-528-111

Alignment Scores:
Pred. No.: 0          Length: 2063
```

Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservation: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-528-111 (1-2063)

QY 2 AspProApSerArpGlnProLeuAnSerLeuApVallyPProLeuArgProArg 21
 DB 219 GATCTGACAGTGTATCAACCTCTGAACAGCTCGATGCAAAACCCCTGGCAAAACCCCGT 278
 QY 22 ILeProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 DB 279 ATCCCCATGAGACCTTCAGAAAGGTGGGAGATCCCATCATCATATGACATCTAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleuValIleuAspLysTyrrPheLeu 61
 DB 339 GCGAGTATCATATGTGTGTCTCTCATCAAGGTGATTCGATTAATACTACTTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
 DB 399 TGGCGGAGCCTCTCCATCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 458
 QY 82 ProLeuGlyLysAspGlyGlnHisCysValLysSerPheProGlyGlyProAlaValAla 101
 DB 459 CCTTTGGGGGAG 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCGCTCTCCAG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB 579 TTCTCTGCTCTTTCAGAACTTCACAGAGCTCGGTGAGAGAGAGAGAGAGAGAGAGAGAG 638
 QY 142 GlyTyrrSerSerLysProThrPheArgAlaValGlyIleGlyProArgGlnAspLeuAsp 161
 DB 639 GAGCTGACAGC-----AGAGCTGTGAGATTTGGCCAGACAGAGATCTGAT 683
 QY 162 ValValGluIleThrGlnAsnSerGlnIleuAspMetArgAsnSerSerGlyProCys 181
 DB 684 GTTGTGAAATCAAGAAACAG 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 DB 744 CTCTAGAGCTCCCTGCTCTCTCTCTGCACTGTCTTGGCTTGGCAAGGTCAAGAGAGAGAG 803
 QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 DB 804 COTGTGTGTGGTGGGAG 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisITrrValLeuThrAla 241
 DB 864 TACGACAAACAGACAGTCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpValArgAlaGlySerAsp 261
 DB 924 GCCCAGCTGCTTCAAGAAACATACCGATGTTCATCTGAAAGGTGCGGGAGAGAGAGAGAG 983
 QY 262 LysLeuGlyLysSerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
 DB 984 AAACCTGGGAGAGCTTCCATCTCTGCTGTGGCCAGAGATATCATCATTAATTCAGAGAGAG 1043
 QY 282 MetTyrrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGACATGATCATCGCCCTCATGAGAGCTCAGATCCCATCTCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTACAGGCCATCTGTCTGTCTTGTGATGAGAGAGAGAGAGAGAGAGAGAGAGAG 1163
 QY 322 LeuTrpIleIleGlyTyrrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341

DB 1164 CTCTGATTCATTTGATGGGCTTTTACAGACCAAAATGAGAGAGATGTCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrrGln 361
 DB 1224 CTGAGAGCTTCATCTCCAGAGCTTATGACAGACAGAGAGAGAGAGAGAGAGAGAGAGAG 1283
 QY 362 GlyLeuValThrGlnLysMetMetCysAlaGlyIleProGlyGlyValAlaAspThrCys 381
 DB 1284 GGGAGAGTACCCAGAAAGATGATGTGTGAGAGAGATCCCGAAGGGGTGTGGACAGCTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrrGlnSerAspGlnTrpHisValIleGlyIle 401
 DB 1344 CAGGTGTACAGTGTGTGGCCCTGATGTACCAATGTGACAGAGTGTGTGGGAGATC 1403
 QY 402 ValSerTrpGlyTyrrGlyCysGlyGlyProSerThrProGlyValTyrrThrLysValSer 421
 DB 1404 GTTAGCTGGAGCTATGTGCTGGGGGCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1463
 QY 422 AlaTyrrLeuAsnTrpIleTyrrAsnValTrpLysAlaGluLeu 435
 DB 1464 GCTTATCTCAACTGATCTATCATGTCTGGAAGCTGAGCTG 1505

RESULT 158

US-10-063-529-111
 ; Sequence 111, Application US/10063529
 ; GENERAL INFORMATION:

; APPLICANT: Eaton, Dan L.

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gerritsen, Mary B.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Macanabe, Colin K.

; APPLICANT: Macanabe, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3230R1C1

CURRENT FILING DATE: 2002-05-02

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 170

SEQ ID NO 111

LENGTH: 2063

TYPE: DNA

ORGANISM: Homo Sapien

US-10-063-529-111

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservation: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-529-111 (1-2063)

QY 2 AspProApSerArpGlnProLeuAnSerLeuApVallyPProLeuArgProArg 21
 DB 219 GATCTGACAGTGTATCAACCTCTGAACAGCTCGATGCAAAACCCCTGGCAAAACCCCGT 278
 QY 22 ILeProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 DB 279 ATCCCCATGAGACCTTCAGAAAGGTGGGAGATCCCATCATCATATGACATCTAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleuValIleuAspLysTyrrPheLeu 61
 DB 339 GCGAGTATCATATGTGTGTCTCTCATCAAGGTGATTCGATTAATACTACTTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81

Db 399 TGGGGGAGAGCTTCATCCGAGGAGAGCAGCTGTGAGACGAGAGCTGAGCTGT 458
 QY 82 ProLeuGlyGluAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla 101
 Db 459 CCTTGGGGGAGAGCAGAGAGCAGCTGTCAAGAGCTTCCCGAAGGGCTGCGAGTGGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGGCTCTCCAGAGACCGATCCACACTGGAGGTGCTGAGACTGGCCACAGGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluTrpAlaCysArgGlnMet 141
 Db 579 TTCTCTGCTGCTTTCAGAACCTTCAAGAGCTCTCGGTGAGACAGCTGTAGAGCAGATG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGGCTACAGC-----AGAGCTGTGAGATGGCCAGACAGAGCTGAGT 683
 QY 162 ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGAAATCAAGAAACAGCCAGAGCTTGGCATGGAACTCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTGCTGTGGAGAGAGCTGAAGACCCCC 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGGGGGTGGAGAGAGAGGCTGTGTGATTCCTGGCTTGGCAGGTGACATCCAG 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleuThrAla 241
 Db 864 TAGCAAAACAGCAGCTGTGTGAGAGAGCATCTTGAGACCCCACTGGGTCTTCAAGGCA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 924 GCCCAGCTTCAGAGAAACATACCGATGTGTTCACATGAAAGTGGCGGCGAGCTGAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
 Db 984 AATCTGGAGAGCTTCCATCTCTGCTGTGGCAGAGATCATCATCATTTGAATTCACACCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGATGATGCTCTCATGAGCTGCACTTCCCATCTTCTTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAAGGCCATCTGTCTGCCCTTCTTGTATGAGAGCTCACTCCAGCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGGATCATGTGATGGGTGTTTACAGAGCATGAGAGGAGAGATGTCTGACATCTG 1223
 QY 342 LeuGlnIleAspValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGAGGCGGTCAAGTCAAGTCAATTGACACAGCATGTCAGTCAAGTGGTACAG 1283
 QY 362 GlyGluValThrGlyLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 Db 1284 GGGGAAATCAACCGAAGATGATGTGACAGGATCCCGGAGGGGTGTGGACACTGG 1343
 QY 382 GlnGlyAspSerGlyLysProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
 Db 1344 CAGGGTACAGTGTGGGCCCCCTGATGTACCAATCTACAGATGTCAGTGGGGGATC 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 Db 1404 GTTAGCTGGGGCTATGCTGGGGGCGCCAGACCCCAAGAGATACCAAGTCTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 Db 1464 GCCTATCTCAACTGATCTCAATGTCTGAGAGGCTGAGCTG 1505

RESULT 159
 US-10-063-530-111
 ; Sequence 111, Application US/10063530
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerliessen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Metanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OR INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,530
 ; PRIOR APPLICATION removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-063-530-111
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: Gaps: 1
 US-10-803-530-2 (1-435) x US-10-063-530-111 (1-2063)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 Db 219 GATCTGACAGTATACCTTGAAACAGCTTCGATGTAACCCCTGGCAAAACCCCTGT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleAlaLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAAGAAAGTGGGAGATCCCATATCATATACACTTACAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTrpPheLeu 61
 Db 339 GCGAGTATCATCTTGTGTTGCTCATCAAGTGATTCGGAATTAATTAATCTTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 Db 399 TGGGGGAGCTTCTCCACTTCATTCACCGAGAGAGAGCTGTGTGACGAGAGCTGAGCTGT 458
 QY 82 ProLeuGlyGluAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla 101
 Db 459 CCTTGGGGGAGAGCAGAGAGCATCTGTCTCAAGAGTTCCTCCGAAGGGCTGAGTGGGA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGGCTCTCCAGAGACCGATCCACACTGGAGGTGCTGAGACTGGCCACAGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluTrpAlaCysArgGlnMet 141
 Db 579 TTCTCTGCTGCTTTCAGAACCTTCAAGAGCTCTCGGTGAGACAGCTGTAGAGCAGATG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGGCTACAGC-----AGAGCTGTGAGATGGCCAGACAGAGCTGAGT 683
 QY 162 ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGAAATCAAGAAACAGCCAGAGCTTGGCATGGAACTCAAGTGGGCTGT 743

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QY 182 LeuSerGlySerLeuValSerLeuHisCySeuAla1aCySglYlySerLeuThyPro 201
DB 744 CTCTCAAGCTCCCTGGTCTCTCTGCACTGTCTTGGCTTGGGAGAGCTGAAGACCCCC 803
QY 202 ArgValValGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGGTGGGGAGAGAGGCTCTGTGATTTCTTGAGCTGGCAGATCAGATCAG 863
QY 222 TyrAspLysGlnHisValCySglYlySerIleLeuAspProHisIleTrpValLeuThyAla 241
DB 864 TACGCAAAACAGCAGCTGTGTGGAGGAGCATCCCGACCCCACTGGGCTCTCAAGGCA 923
QY 242 AlaHisCySphLeuValSerHisIleThyAspValPheAsnTrpValArgAlaGlySerAsp 261
DB 924 GCCCATCTCTCAAGAAACATACCATGTGTTCATCTGAAGAGTCCGGGAGGCTCAAGC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAsnPro 281
DB 984 AAACGGGCGAGCTTCCATCCCTGGCTGTGGCAGATCATCATTAATTCATCAACCCC 1043
QY 282 MetTyProLysAspAsnAspIleAlaIleuMetLysLeuGlnPheProLeuThyPheSer 301
DB 1044 ATGTACCCCAAGCAATAGCATCCCTCATGAAAGCTGCAAGTCCCACTCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThyProAlaThrPro 321
DB 1104 GGCACAGTCAAGCCCATCTGTCTGCTTCTTTATGAGAGCTCACTCCAGCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGGCTTTACGAAGCAATGAGGGAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
DB 1224 CTGCAAGCGCTCAGTCCAGGCTCATTCAGACACAGCGTGCATGACAGATCCGTACAG 1283
QY 362 GlyGluValIleThrGluLysMetCysAlaGlyIleProGluGlyValAspThrCys 381
DB 1284 GGGGAAGTACCGAAGATGATGTGTGAGGAGCATCCGAAAGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyLysProLeuMetLysGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGCTGACAGTGTGGGCTCTGATGTACCAATGTGACACAGTGTGTGGGATC 1403
QY 402 ValSerTrpGlyLysGlyCysGlyLysProSerThrProGlyValIleTrpLysValSer 421
DB 1404 GTTACTGGGGCTATGGCTGCGGGGCGCCGAGCACCCCAAGATATACCAAGGCTCTCA 1463
QY 422 AlaTyLeuAsnTrpIleTyTrpAsnValIleTrpLysAlaGluLeu 435
DB 1464 GCCTATCTCACTGATTTCAATGTCTGAAAGGCTGAGCTG 1505

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RESULT 160

US-10-063-532-111

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; Sequence 111, Application US/10063532
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,532
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111

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; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-532-111
Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-532-111 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCTTCAAGTATCAACTCTTGAACAGCTTCATGATCAACCTTGGCAAGCCCTG 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATAGACTAGCTG 338
QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyTrpPheLeu 61
DB 339 GCGAGTATCATATGTGGTGTCTCTCATCAAGGTGATTCGAGTAAATACTACTCTC 398
QY 62 CysGlyLysProLeuHisPheIleProArgLysGlnLeuCysAspGlyLysLeuAspCys 81
DB 399 TGGCGGAGCTCTTCACTTATCCCGAAGAGAGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTTGGGGAGAGAGAGACATGTGTCAAGCTTCCCGAAGGGCTGAGTGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCAAGAGACCATCACTGACAGGTGTGAGCTGCGGCAAGGAACTG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluTrpAlaCysArgGlnMet 141
DB 579 TTCTCTGCTGTTCGAACTTCACAGAACTCTCGCTGAGACAGCTGTGAGGAGATG 638
QY 142 GlyTySerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GCTTACAGC-----AGAGCTGTGAGATTTGGCCAGACAGATTTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnLysLeuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAGAAACAGACAGGAGCTTGCATGCGGAATCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysSeuAla1aCySglYlySerLeuThyPro 201
DB 744 CTCTCAAGCTCCCTGGTCTCTCTGCACTGTCTTGGCTTGGGAGAGCTGAAGACCCCC 803
QY 202 ArgValValGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGGTGGGGAGAGAGGCTCTGTGATTTCTTGAGCTGGCAGATCAGATCAG 863
QY 222 TyrAspLysGlnHisValCySglYlySerIleLeuAspProHisIleTrpValLeuThyAla 241
DB 864 TACGCAAAACAGCAGCTGTGTGGAGGAGCATCCCGACCCCACTGGGCTCTCAAGGCA 923
QY 242 AlaHisCySphLeuValSerHisIleThyAspValPheAsnTrpValArgAlaGlySerAsp 261
DB 924 GCCCATCTCTCAAGAAACATACCATGTGTTCATCTGAAGAGTCCGGGAGGCTCAAGC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAsnPro 281
DB 984 AAACGGGCGAGCTTCCATCCCTGGCTGTGGCAGATCATCATTAATTCATCAACCCC 1043
QY 282 MetTyProLysAspAsnAspIleAlaIleuMetLysLeuGlnPheProLeuThyPheSer 301

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Db 1044 ATGTACCCCAAGACATGATCGCCCTCATGAGAGCTGACATTCCTTCCTCA 1103
 QY 302 GYTHrValArgProIleCysLeuProPheAspGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATCTGCTGCCCTTCTTGATGAGAGCTCATCTCCAGCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyIleLysMetSerAspIleLeu 341
 Db 1164 CTCTGATCATTTGATGAGGGGCTTTACAGAGCAAGATGAGAGAGATGTCGACACTCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGCAAGGGCTCAGCTCAGGTCATTCAGACACACGGTGAATGACAGATGGCGATCCAG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyIleValAspThrCys 381
 Db 1284 GGGGAAGTCACCGAAGAATGATGTGTGAGGACATCCCGAAGGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyIleProLysMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
 Db 1344 CAGGGTGAAGTGGTGGGCCCTTGATGTACCAATCTGACAGTGGCATGTGGGCAATC 1403
 QY 402 ValSerTrpGlyIleTyrGlyCysGlyIleProSerThrProGlyValIleTyrThrLysValSer 421
 Db 1404 GTTAGCTGGGCTATGAGCTGGGGGGCCCGAGCACCCAGAGATATACACCAAGGTCTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 Db 1464 GCCTATCTCAACTGAGATCTACAAATGTCTGAAAGGCTGAGCTG 1505
 RESULT 161
 US-10-063-534-111
 ; Sequence 111, Application US/10063534
 ; GENERAL INFORMATION:
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Matanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,534
 ; CURRENT FILING DATE: 2002-05-02
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-063-534-111
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conserved: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-063-534-111 (1-2063)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuAlaTgLySProArg 21
 Db 219 GATTCCTGACAGTATCAACCTCTGAACAGCCTCGATCTCAAAACCCCTGCCCAACCCCGT 278
 QY 22 IleProMetGluThrPheArgLysValIleIleProIleIleIleAlaLeuAsnSerLeu 41
 Db 279 ATCCCATGAGAGACCTTTCAGAAAGGTGGGATCCCATCATCATATGACACTACTGAGCTGC 338

QY 42 AlaSerIleIleIleValIleValIleLysValIleLeuAspLysTyrTyrPheLeu 61
 Db 339 GCGAGTATCATCATTTGGTTGTCTTCATCAAGGTGATTTCTGATTAATCTACTTCTC 398
 QY 62 CysGlyIleProLeuHisPheIleProArgLysGlnLeuCysAspGlyIleLeuAspCys 81
 Db 399 TGCAGGAGCTCTCCCATCTTCATCCCGAAGACAGCTGTGTACCGAAGAGCTGACTGT 458
 QY 82 ProLeuGlyIleAspGluGlnHisCysValLysSerPheProGluGlyProAlaValAla 101
 Db 459 CCGTGGGGAGGACAGAGAGCATGTGTCAAGACTTCCCAAGGGCTGCACTGGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCTCTTCCAAAGGACCATCCATCCATGCAAGTGTCTGCACTGGCCACAGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCTGTGCTGTTCAGACAACTTCACAGAAAGCTTGTGAGACAGCTGTAGGCAAGATG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGCTACAGC-----AGAGCTGTGAGATTTGGCCACAGACATCTGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerGlyProCys 181
 Db 684 GTTGTGAAATCACAGAAACAGCCAGAGCTTCGATCGGAACCTCAAGTGGGCTCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTTGTGTGGAAAGCTTGAAAGATCCCC 803
 QY 202 ArgValValGlyIleGluGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGTGGTGGGAGAGAGGCTGTGTGATTTCTTGACCTTGGCAGGTGACATCCAG 863
 QY 222 TyrAspLysGlnHisValCysGlyIleSerIleLeuAspProHisTrpValLeuThrAla 241
 Db 864 TACGAAACAGCAGCTGTGTGAGAGAGCATCTGAGACCCCATCTGGGTCTCTCAGCGGA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 924 GCCCATGCTTCAGGAAACATGCCATGTCTCACTGGAAGTGGGCAAGCTCTCAGC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 Db 984 AAACCTGGGAGCTTCCATCCCTGGCTGTGGCCAGATCATCATGATTCAAACCCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGATACATCCGCTCATGAAAGCTGCACTTCCACTCATCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPheAspGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATCTGCTGCCCTTCTTGATGAGAGCTCATCTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyIleLysMetSerAspIleLeu 341
 Db 1164 CTCTGATCATTTGATGAGGGGCTTTACAGAGCAAGATGAGAGAGATGTCGACACTCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGCAAGGGCTCAGCTCAGGTCATTCAGACACACGGTGAATGACAGATGGCGATCCAG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyIleValAspThrCys 381
 Db 1284 GGGGAAGTCACCGAAGAATGATGTGTGAGGACATCCCGAAGGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyIleProLysMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
 Db 1344 CAGGGTGAAGTGGGCCCTTGATGTACCAATCTGACAGTGGCATGTGTGGGCAATC 1403

QY 402 ValSerTrpGlyTyrGlyCysGlyProSerThrProGlyValTyrThrIleValSer 421
DB 1404 GTTAGCTGGGCTAGTGGCTGGGCGGCGGAGACCCGAGAGTATACACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrPylsalagluLeu 435
DB 1464 GCCTATCTCACTGATCTTCAATGTCTGGAAGCTGAGCTG 1505
RESULT 162
US-10-063-536-111
; Sequence 111, Application US/10063536
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,536
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-536-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-536-111 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgLysProArg 21
DB 219 GATCTGACAGATGATCAACCTCTGAAACGCTGAGTCAAAACCTCGGCAACCCCTG 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGGAACCTTCAGAAAGGTGGGATCCCATCATCATGACATGACATGAGCTG 338
QY 42 AlaSerIleIleIleValValIleuIleValIleValIleLeuAspLysTyrTyrPheLeu 61
DB 339 GCGAGATCATCTGTGTGTTGCTCCATCAAGGTATCTCGGATTAATACACTTCTCCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TCGGGGCACTCTCTCCACTTCACTCCGAGGAAGCACTGTGTGCAAGGCTGAGCTGT 458
QY 82 ProLeuGlyGluAspGlnGluHisCysValLysSerPheProGlnGluProAlaValAla 101
DB 459 CCTTGGGGAGAGACAGAGACCTGTGTCAAGAGCTTCCCGCAAGGCTGAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
DB 519 GTTCGGCTCTCCAGAGACCGATCCACATGCAAGTGTCTGGAAGCTCGGCCACAGGGA 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTGTGCTGTTTCCAGCAACTTCAAGAAAGCTCTGCTGAGACACCTGTATGGCAGAG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161

DB 639 GGCTACAGC-----AGAGCTGTGAGATTTGGCCGACAGCAGAGTCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnLeuArgPheLysAsnSerSerGlyProCys 181
DB 684 GTTGTTAAATCAAGAAACAGCCAGAGCTTGGCATCGGAATCTCAAGTGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAGGCTCTCTGCTGTCTCTGCACTGTCTTCTCTGGAAGAGCTGAAGACCC 803
QY 202 ArgValValGlyGlyGlnGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGGTGGTGGGAGGAGGCTCTGTGATTTCTTGCTTGAGCTGAGATTCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACGCAAAACAGCAGCTGTGTGAGGAGGATCTCTGAGCCGCCACTGGGTCTTCAAGGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 924 GCCCACTGCTTCAGGAAACATACCGATGTTCATCTGAAGAGTGGGCGAGCTCAAGC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleGluPheAsnPro 281
DB 984 AAACCTGGCAGCTTCCATCTCTGCTGTGGCCAAAGATCATCATGATTCACCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAAAGCAATGACATGCGCTCATGAAGCTGAGTCCCATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGlnGluLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAGGCCCATCTGTCTGCTTCTTGTGAGAGCTCACTCCAGCCCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGCTTTTACGAAGCAATGAGGAGAAATGTTCACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAAGGCTCATGCTCAAGTCAATGACAGCACAGCTGCATGACAGATCGTACAG 1283
QY 362 GlyGluValThrGluLysMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
DB 1284 GGGGAAGTCAACGAAAGATGATGTGTGAGGATCCGGAAGGGGTGTGACACTG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGCTGACAGTGGTGGGCTCTGATGTACATGTGACAGTGCATGTGTGGGCTATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyLysProSerThrProGlyValTyrThrIleValSer 421
DB 1404 GTTAGCTGGGCTAGTGGCTGGGCGGCGGAGACCCGAGAGTATACACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrPylsalagluLeu 435
DB 1464 GCCTATCTCACTGATCTTCAATGTCTGGAAGCTGAGCTG 1505
RESULT 163
US-10-063-560-111
; Sequence 111, Application US/10063537
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

```

/ TITLE OF INVENTION: ACIDS ENCODING THE SAME
/ FILE REFERENCE: P3230R1C1
/ CURRENT APPLICATION NUMBER: US/10/063,537
/ CURRENT FILING DATE: 2002-05-02
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 111
/ LENGTH: 2063
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-10-063-560-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-560-111 (1-2063)

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QY 2 AspProAapSerAapGlnProLeuAanSerLeuAapValLysProLeuAargLysProArg 21
Db 219 GATCCTGACAGTGAATCACTCTGAAACAGCCTCGATGCAAAACCCCTGCGCAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAAGAAAGGTGGGAGATCCCATCAATCAATCAATCAATCAATCTTC 338
QY 42 AlaSerIleIleIleValIleValIleuIleuValIleuAapLysIleuValIleuPheLeu 61
Db 339 GCGAGTATCATCATGTGTGTCTCTCATCAAGGATGTTGGATTAATAATCTTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAapGlyGlnLeuAapCys 81
Db 399 TGCAGGAGCCTCTCCACTTCATCCCGAAGAGCAGTGTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGluAapGlnGluHisCysValLysSerPheProGlnGlyProAlaValAla 101
Db 459 CCTTGGGGGAGAGCAGAGGACCTGTGTCAAGAGCTTCCCGAAGGCTGCACTGCA 518
QY 102 ValArgLeuSerLysAapArgSerThrLeuGlnValIleuAapSerAlaThrGlyAanTrp 121
Db 519 GTCCGCTCTCAAGAGACCATCACTGCAAGTGTGCTGCACTGCGCAACAGGAACTGG 578
QY 122 PheSerAlaCysPheAapAanPheThrGluAlaLeuAagIuThrAlaCysAargGlnMet 141
Db 579 TTCTCTGCTGTTCGAACTTCAAGAGCTCTCCCTGAGACAGCCTGTAGGCGATG 638
QY 142 G1YtYrSerSerLysProThrPheArgAlaValGlnIleGlyProAapGlnAapLeuAap 161
Db 639 GGCCTACAGC-----AGAGCTGTGAGATGTGCCCAAGACAGAGATCTGAT 683
QY 162 ValValGlnIleThrGluAanSerGlnGluLeuArgMetArgAanSerSerGlyProCys 181
Db 684 GTTGTGTAATCAACAGAAACAGCCAGAGCTTGCATGGGAACTCAATGGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAAGCTCCCTGCTCTCCCTGCACTGTCTGCTGTGGAAAGACCTGAAGACCCCC 803
QY 202 ArgValValGlyGlyGlnGluAlaSerValAapSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGAGGAGGCTCTGTGATTTCTTGGCTTGGCAGGTCAAGATCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAapProHisTrpValIleuThrAla 241
Db 864 TAGCAACAACAGCAGCTGTGTGAGGAGCATCTGCAACCCCACTGGGTCTTCAAGGCA 923
QY 242 AlaHisCysPheArgLysHisIleThrAapValPheAanTrpLysValArgAlaGlySerAap 261
Db 924 GCCCACTGCTTCAAGAAACATACCGATGTGTCAACTGGAAGGTGCGGCGAGCTCAGAC 983

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QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAanPro 281
Db 984 AAATGGGAGAGCTTCCATCCCTGCTGTGGCCAAAGATCATCATCATTAATCAACCCCC 1043
QY 282 MetTyrProLysAapAanAapIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAAAGCAATGATGAGCCCTCATGAAAGCTGCAAGTTCCCACTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAapGlnGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTCTGCCCTTCTTGTATGAGGAGGCTCATCCAGCACCCCA 1163
QY 322 LeuTrpIleIleGlyTyrProGlyPheThrLysGlnAanGlyCylLysMetSerAapIleLeu 341
Db 1164 CTCTGATCATTTGTGATGGGCTTTTACAGACAGAAATGAGGGAGATGTCTGCATATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAapSerThrArgCysAanAlaAapAapAlaTrpGln 361
Db 1224 CTGCAAGCGTCATCTCCAGGTCAATTTGACAGACACGCTGCATATCAAGATGCTTACCG 1283
QY 362 GlyGlnValThrGlnLysMetMetCysAlaGlyIleProGlnGlyGlyValAapThrCys 381
Db 1284 GGGGAAGTCACCGAAGATGATGTGTGACAGCATCCCGAAGGGGTGTGACACTGC 1343
QY 382 GlnGlyAapSerGlyGlyProLeuMetTyrGlnSerAapGlnThrPheIleValGlyIle 401
Db 1344 CAGGATGACAGTGTGGCCCTGATGTACCAATTCGACCAAGTGTGGTGGGCAATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTAGCTGGGGCTATGGCTGTGGGGGCCCGAGACACCCAGAGTATACCAAGTCTCA 1463
QY 422 AlaTyrLeuAanTrpIleTyrAanValTrpLysAlaGlnLeu 435
Db 1464 GCTTATCTCAACTGATCTTCAATGTCTGGAAGGCTGAGCTG 1505

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RESULT 164

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US-10-063-540-111
/ Sequence 111, Application US/10063540
/ GENERAL INFORMATION:
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Melanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: ACIDS ENCODING THE SAME
/ CURRENT APPLICATION NUMBER: US/10/063,540
/ CURRENT FILING DATE: 2002-05-02
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 111
/ LENGTH: 2063
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-10-063-540-111

```

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Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-540-111 (1-2063)

```

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Qy 2 AspProaspSerAspGlnProLeuansSerleuaspVallyProleuArglyProArg 21
Db 219 GATCTGACAGTATCAACCTTCAACAGCTTCATGATCAACCTTGGCGAACCCTG 278
Qy 22 IleProMetGlnThrPheArglyValGlyIleProIleIleIleAlaLeuSerleu 41
Db 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACATCTAGGCTG 338
Qy 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIle 61
Db 339 GCGAGTATCATCATGTTGTGTCTCATCAAGGATTTCTGATTAATATCTACTCTCTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArglyValGlyLeuCysAspArglyLeuAspCys 81
Db 399 TGGCGGAGCTCTCCACTTATCCCGAAGAGAGCTGTGTGAGAGAGAGAGAGAGCTGT 458
Qy 82 ProLeuGlyValAspGlyValIleCysValIleYsserPheProGlyValProAlaValAla 101
Db 459 CCTTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
Qy 102 ValArgLeuSerlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGACCATTCACACTGAGAGGTGTGAGAGAGAGAGAGAGAGAGAG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
Db 579 TTCTGTGCTGTTCGACACTTCAAGAGAGCTGTGAGAGAGAGAGAGAGAGAGAGAG 638
Qy 142 GlyIleYsserSerlyProThrPheArgAlaValGlyIleGlyProAspGlnAspLeuAsp 161
Db 639 GCGTACAGC-----AGACTGTGAGAGATTTGGCCCGAGAGAGAGAGAGAGAGAG 683
Qy 162 ValValGlyIleThrGlnAsnSerGlnLeuLeuArgMetArgAsnSerSerlyProCys 181
Db 684 GTTGTGAAATCAGAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
Qy 182 LeuSerGlySerLeuValSerleuHisCysLeuAlaCysGlyYsserSerleuThrPro 201
Db 744 CTCTCAGAGCTCCCTGCTCTCCCTGCACTGTCTGTGAGAGAGAGAGAGAGAGAGAG 803
Qy 202 ArgValValGlyValGlyValIleAspSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 863
Qy 222 TyrAspLySGlnHisValCysGlyYsserIleLeuAspProHisTrpValIleuThrAla 241
Db 864 TACGACAAACAGCAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 923
Qy 242 AlaHisCysPheArglyValHisThrAspValPheAsnTrpValArgAlaGlySerAsp 261
Db 924 GCCCATCTCTTCAGAAACATACCATGATGTTCACTGAGAGAGAGAGAGAGAGAGAG 983
Qy 262 LysLeuGlySerPheProSerleuAlaValAlaValIleIleIleGlnPheAsnPro 281
Db 984 AAATCGGGAGCTTCCATCCCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043
Qy 282 MetTrpProLyAspAsnAspIleAlaLeuMetLySLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlyValIleuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCGCATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLySGlnAsnGlyYlyMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGCTTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1223
Qy 342 LeuGlnAlaSerValGlnValIleLeuAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db 1224 CTGAGAGGCTCATGTCATTTGACAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1283
Qy 362 GlyGlyValThrGlyLeuMetCysAlaGlyIleProGlyGlyValAlaAspThrCys 381

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Db 1284 GGGAGATCACACGAGAGATGATGTGACAGCATCCCGAGAGGGGTGTGACACCTGC 1343
Qy 382 GlnGlyAspSerGlyValProLeuMetTrpGlnSerAspGlnTrpHisValIleGlyIle 401
Db 1344 CAGGTGTACAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1403
Qy 402 ValSerTrpGlyTrpGlyCysGlyValProSerThrProGlyValIleThrLyValSer 421
Db 1404 GTTACTGGGCTTATGTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1463
Qy 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpLyAlaGlnLeu 435
Db 1464 GCGTATCTCAACTGATCTCAATGTCTGGAAGGCTGAGCTG 1505

RESULT 165
US-10-063-541-111
; Sequence 111, Application US/10063541
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,541
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-541-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-541-111 (1-2063)
Qy 2 AspProaspSerAspGlnProLeuansSerleuaspVallyProleuArglyProArg 21
Db 219 GATCTGACAGTATCAACCTTCAACAGCTTCATGATCAACCTTGGCGAACCCTG 278
Qy 22 IleProMetGlnThrPheArglyValGlyIleProIleIleIleAlaLeuSerleu 41
Db 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACATCTAGGCTG 338
Qy 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIle 61
Db 339 GCGAGTATCATCATGTTGTGTCTCATCAAGGATTTCTGATTAATATCTACTCTCTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArglyValGlyLeuCysAspArglyLeuAspCys 81
Db 399 TGGCGGAGCTCTCCACTTATCCCGAAGAGAGAGCTGTGTGAGAGAGAGAGAGAGCTGT 458
Qy 82 ProLeuGlyValAspGlyValIleCysValIleYsserPheProGlyValProAlaValAla 101
Db 459 CCTTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
Qy 102 ValArgLeuSerlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121

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Db 519 GTCGCGCTCTCCAGGACCGATCCACATGTCAGGTGCTGGAGCTCGGCCACAGAGAACTGG 578
Qy 122 PheSerAlaCysPheAspPheBheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTTCGCTGTTTCGACAACTTCACAGAACTTCCTGTCAGACACCTGTGAGGCGAGATG 638
Qy 142 GLYTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATGAGTGGCCACAGACGATCTGGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCACAGAAAAACAGCCAGAGCTTCGATCGGAACTCAAGTGGCCCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTGCTGTGGAGAAAGCCTGAAAGACCCCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CCGTGTGTGTGGGGAGAGAGGCTCTGTGATTCCTGTGGCCTTGGCAGGTCAAGCTCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAACACAGCAGCTGTGTGAGAGCATCTCGAACCCCTGGGTCTCTCACGGCA 923
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCATGCTTCAGGAAACATACCATGCTTCATCTGAAAGTCCGGAGTCCGGACAGCTCAAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGlyPheAsnPro 281
Db 984 AAACGTGGCAGGCTTCCATCTCCCTGCTGTGGCCAGATCATCATCATTAATTAACACCCC 1043
Qy 282 MetTyrProLysAspAspAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAAAGACATGATGCCCTTCATGAGAGCTGACAGTCCCATCTTCTTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProBhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCAAGTCAGAGCCCATCTGTCTGCTCTTGTATGAGAGCTCACTCCAGCCACCCCA 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGAGGCTTTACGAAAGCATGAGGAAAGATCTGCAACTCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAAGGCTCAGTCCAGGTCATTGACAGCACAGGTGCATGACAGATGCGTACAG 1283
Qy 362 GlyGluValIleThrGlyLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAAGTCACCGAAGATGATGTGCAAGCATCCCGGAAGGGGTGTGACACCTGC 1443
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
Db 1344 CAGGTTGACAGTGTGGGCTCCCTCATTTACCAATCTCAACAGTGGCATGTGGGGCATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTAGCTGGGGCTTAGGCTGGGGGGCCGAGGACCCCAAGATATACCAAGATCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1464 GCTTATCTCAACTGATCTCAATGTCTGGAAGGCTGAGCTG 1505

RESULT 166
US-10-063-544-111
; Sequence 111, Application US/10063544
; GENERAL INFORMATION:

; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,544
; PRIOR APPLICATION: 2002-05-02
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-544-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-544-111 (1-2063)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATTCGACAGTATACATCTTGAAACAGCTTCGATGCAACCCCTGGCAAAACCCGT 278
Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGAGCCTTCAGAAAGTGGGATCCCATCATCATGACTACTGAGCCTG 338
Qy 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrThrPheLeu 61
Db 339 GCGAGTATCATATGTGTGTGTCTCTCATCAAGAGTATGAGTAAATTAATTAATCTTCTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlyLeuAspCys 81
Db 399 TCGGGGACAGCTCTCCACTTATCCGAGAGAGCAGTGTGACGAGAGACTGGACTGT 458
Qy 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTGGGGAGAGAGAGAGAGCATGTGTCAAGACCTTCCCGAAGGGCTGCACTGGCA 518
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCGCGCTCTCCAGAGACCGATCCACATGAGTGTGGACTGGCCACAGGAACTGG 578
Qy 122 PheSerAlaCysPheAspPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTTCGCTGTTTCGACAACTTCACAGAACTTCCTGTCAGACACCTGTGAGGCGAGATG 638
Qy 142 GLYTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATGAGTGGCCACAGACGATCTGGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCACAGAAAAACAGCCAGAGCTTCGATCGGAACTCAAGTGGCCCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTGCTGTGGAGAAAGCCTGAAAGACCCCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CCGTGTGTGTGGGGAGAGAGGCTCTGTGATTCCTGTGGCCTTGGCAGGTCAAGCTCCAG 863

QY 222 TyrAspLySGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleuThrAla 241
 DB 864 TACGACAAACGACAGTGTGTGAGGAGCATCTCGAACCCCACTGGGTCTTCAACGGCA 923
 QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 DB 924 GCCCACTGCTTCAAGAAACATACGATGTTCACACTGGAAGTCCGGGACGGCTCAAC 983
 QY 262 LysLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
 DB 984 AAACCTGGGACGCTTCCCATCTGCTGTGGCCAAAGATCATCATTAATTAATCAACCCC 1043
 QY 282 MetTrpProLysAspAsnAspIleAlaIleuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGAACATGACATCGCCCTCATGAAGCTGCACTTCCCACTCACTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCAACGTCAGGCCCATCTGTCTGCTTCTTGTATGAGAGCTCACTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGGCTTTTACGAAGCAGATGGAGGAGATGTCTGACACTACTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
 DB 1224 CTGCAAGGGGTCACTGACAGTCAATTCAGACACACAGTGCATGACAGCATCGTACAG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGluGlyValAspThrCys 381
 DB 1284 GGGGAGATCACCGAAGATGATGTGTGAGGACATCCCGAAGGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValAlaGlyIle 401
 DB 1344 CAGGCTGACAGTGTGGGGCCCTGATGTACCAATCTGACCACTGCACTGTGGGCACTC 1403
 QY 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGluValTrpThrLysValSer 421
 DB 1404 GTTACTGGGGCTATGGCTGCGGGGGCCGAGCACCCCGAGATACACCAAGGTCTCA 1463
 QY 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
 DB 1464 GCTTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505

RESULT 167
 US-10-063-546-111

; Sequence 111, Application US/10063546
 ; GENERAL INFORMATION:

; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Geritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,546
 ; PRIOR APPLICATION DATE: 2002-05-02
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; US-10-063-546-111

Alignment Scores: 0 Length: 2063
 Pred. No.: 2297.50 Matches: 429
 Score:

Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-546-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerIleuAspValLysProLeuArgLysProArg 21
 DB 219 GATCTGACAGTATTCACACCTTGAACAGCTTCATGCAAAACCCCTGCGCAACCCCGT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerIleu 41
 DB 279 ATCCCAATGAGACCTTCAGAAAGTGGGGATCCCAATCATATGACACTAGAGCTG 338
 QY 42 AlaSerIleIleIleValIleValIleuIleLysValIleLeuAspLysTrpThrPheLeu 61
 DB 339 GCGAGTATCATCATTTGGTGTGTCTCTCATGAAGGATTCGANTMAATTACTTCTTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 DB 399 TCGGGGACGCTCTCCACTTATCCGAGAAAGAGCTGTGTGACGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGluAspGluGlnHisCysValLysSerPheProGluGlyProAlaValAla 101
 DB 459 CCTTGGGGGAGAGACAGAGACACTGTGTCAAGAGCTTCCCGAAGGGCTGCACTGTGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleLeuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCGCTCTCCCAAGAGCCGATTCACACTGAGGTGTGAGCTCGGCCACAGGGAATCTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB 579 TTCTGTGCTGTTTGAACAATTCAACAAGCTCTCGTGAGACGCTGTATGAGCAGATG 638
 QY 142 GlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB 639 GGGTACAGC-----AGAGCTGTGAGATGTGGCCGACACAGGATCTGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuAspMetLysAsnSerSerGlyProCys 181
 DB 684 GTTGTGAATACACGAAACACGAGGAGCTTGCATGCGGAACCTCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerIleuHisCysLeuAlaCysGlyLysSerIleuLysThrPro 201
 DB 744 CTCTAGGCTCCTGTGTCTCTCTGCACTGTCTTGTGGGAAGAAGCTGGAAGACCCC 803
 QY 202 ArgValAlaGlyGlyGluGluLysSerValAspSerTrpProTrpGlnValSerIleGln 221
 DB 804 CGTGTGTGGTGGGGAGAGAGGCTCTGTGATTTCTGGCTTGGCAGGTCAAGATCCAG 863
 QY 222 TyrAspLySGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleuThrAla 241
 DB 864 TACGACAAACGACAGTGTGTGAGGAGCATCTCGAACCCCACTGGGTCTTCAACGGCA 923
 QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 DB 924 GCCCACTGCTTCAAGAAACATACGATGTTCACACTGGAAGTCCGGGACGGCTCAAC 983
 QY 262 LysLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
 DB 984 AAACCTGGGACGCTTCCCATCTGCTGTGGCCAAAGATCATCATTAATTAATCAACCCC 1043
 QY 282 MetTrpProLysAspAsnAspIleAlaIleuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGAACATGACATCGCCCTCATGAAGCTGCACTTCCCACTCACTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCAACGTCAGGCCCATCTGTCTGCTTCTTGTATGAGAGCTCACTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341

Db 1164 CTCTGATCATTTGATGGGCTTTACGAGACAGATGAGAGAGATGTCGATCATCTG 1223
Qy 342 LeuGIAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAlaIleArgin 361
Db 1224 CTGCAGGCGGTCACTCCAGGTGATTTGACAGCACGGGTGACATGCAACATCGTACCG 1283
Qy 362 GlyGlnValThrGlnIleuMetMetCysAlaGlyIleProGlnGlyValIleAspThrCys 381
Db 1284 GGGGAGTCAACCGAAGATGATGTGTGACGGATCCCGAAGGGGGTGTGACACCTGC 1343
Qy 382 GlnGlnIleAspSerGlyValIleProIleuMetMetCysGlnSerAspGlnIleValIle 401
Db 1344 CAGGTGACAGTGTGGGGCCCTGATGTACCAATGTGACAGTGGCATGTGTGGGCAATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrIleValSer 421
Db 1404 GTTAGCTGGGGCTATGGCTGGGGGGCCGAGACACCCCGAGGTATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValIleTyrAlaGlnLeu 435
Db 1464 GCGTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505

RESULT 168

US-10-063-547-111
; Sequence 111, Application US/10063547
; GENERAL INFORMATION:

; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P323031C1
; CURRENT APPLICATION NUMBER: US/10/063,547
; PRIORITY FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-547-111

Alignment Scores:

Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-547-111 (1-2063)

Qy 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValIleProLeuArgIleProArg 21
Db 219 GATCTTACAGTATCAACCTCTGACAGCTCGATGTCAAAACCCGCGCAACCCCGT 278
Qy 22 IleProMetGlnThrPheArgIleValIleProIleIleIleAlaLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCATCATACATGACCTACGACCTG 338
Qy 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleValIle 61
Db 339 GCACATATCATCATTTGGTGTGCTCATCAAGGTATCTGATTAATATCACTTCTCCTC 398
Qy 62 CysGlnIleProIleuHisPheIleProArgIleGlnIleuCysAspGlyGlnLeuAspCys 81
Db 399 TGGGGGAGGCTCTCCACTTCATCTCCAGAGACAGCTGTGTGACGAGAGGCTGAGACTGT 458

Qy 82 ProLeuGlnIleuAspGlnIleuHisCysValIleSerPheProGlnGlyProAlaValAla 101
Db 459 CCTTGGGGGAGGAGCAGAGACACTGTGTCAAGAGCTTCCCGAAGGGCTGAGTGGCA 518
Qy 102 ValArgLeuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGACCAATCCACTCAGGTGTGTGACCTCGGCAAGAGAACTGG 578
Qy 122 PheSerAlaCysPheAspAspMetThrGlnAlaLeuAlaGlnThrAlaCysArgIleMet 141
Db 579 TTCTCTGCTGTTTTCAGCAACTTCACAGAGCTCTCCGTAGACACGCTGTAGAGAGATG 638
Qy 142 GlyTyrSerSerIleProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
Db 639 GGTACAGC-----AGAGCTGTGAGATTGGCCCAAGACGAGATCTGAGT 683
Qy 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerGlyProCys 181
Db 684 GTTGTGAATTCACAGAAACACCCAGAGCTTCGATGGAGAACTCAAGTGGGCTGTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIleSerLeuIleThrPro 201
Db 744 CTCTCAGGCTCCCTGGTCTCTCCGACTGTCTGTGCGGAGAGAGCTGAAAGACCTCC 803
Qy 202 ArgValValGlnIleGlnIleuAspSerValAspSerTrpTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGAGAGGCTCTGTGTGATTTCTGGCTTGGAGGTGACATCTCCAG 863
Qy 222 TyrAspIleGlnHisValCysGlyIleSerIleLeuAspProHisTrpValIleuThrAla 241
Db 864 TACGACAAACAGACAGCTGTGTGAGAGACATCTGAGACCCCACTGGGTCTTCAGGCA 923
Qy 242 AlaHisCysPheArgIleHisTrpAspValPheAsnTrpIleValIleArgIleSerAsp 261
Db 924 GCCACTGCTTCAGAAACATACCGATGTGTTCACCTGAGAGAGTGGGGCAGGCTCAAGC 983
Qy 262 IysLeuGlnIleSerPheProSerLeuAlaValAlaIleIleIleGlnPheAsnPro 281
Db 984 AAACGTGGGAGCTTCCATCCCTGGCTGTGGCCAGATCATATGATGAATTCAAACCC 1043
Qy 282 MetTyrProIleAspAsnAspIleAlaLeuMetIleuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATACCTCCCTCATGAGAGTGCAGTTCCACTCATTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlnIleuThrProAlaThrPro 321
Db 1104 GGACAGTACAGGCCCATCTGTCTGCTTTTGTATGAGAGCTCACCTCCAGCCACCCCA 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrIleGlnAsnGlyIleIleMetSerAspIleLeu 341
Db 1164 CTCTGGATCATTTGATGGGGCTTTTACAGACAGATGAGAGGAGATGTCTGACATCTG 1223
Qy 342 LeuGlnIleAspSerValGlnValIleAspSerThrArgCysAsnAlaAspAlaIleTyrGln 361
Db 1224 CTGCAGGGGTGATGTCAGGTATGACAGCACAGGTGCATGAGACGAGTACGAGTACAG 1283
Qy 362 GlyGlnValThrGlnIleuMetMetCysAlaGlyIleProGlnGlyValIleAspThrCys 381
Db 1284 GGGGAGTCAACCGAAGATGATGTGTGACGGATCCCGAAGGGGGTGTGACACCTGC 1343
Qy 382 GlnIleAspSerGlyValIleProIleuMetTyrGlnSerAspGlnIleValIleValIle 401
Db 1344 CAGGTGACAGTGTGGGGCCCTGATGTACCAATCTGACGATGGCATGTGTGGGCTATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrIleValSer 421
Db 1404 GTTAGCTGGGGCTATGGCTGGGGGGCCGAGACACCCCGAGGTATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValIleTyrAlaGlnLeu 435
Db 1464 GCGTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505


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; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-549-111

Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-549-111 (1-2063)

QY 2 AAPPProASPSeRASPGLnProLeuAnSerLeuASPValLySPProLeuArgLySPArg 21
DB 219 GATCCGACAGATGATCAACCTCTGAAACAGCTCGATGCAACCCCTGGCAACCCCGT 278
QY 22 ILeProMeRGluThRPhEArgLySVaLIyLIeProLIeLIeLIaLeuLeuSerLeu 41
DB 279 ATCCCATGAGAACCTTCAGAAAGGTGGGATCCCATCATCATATGCACTAGAGCTG 338
QY 42 ALaSerLIeLIeLIaValaValaLeuLIeLyVaLIeLeuAPLySPTyRPhELeu 61
DB 339 GCGAGTATCATGATGTGGTGTCTCTCATCAAGTGGATTCGGATTAATACACTTCTC 398
QY 62 CysGlySPnProLeuHiePhELeProArgLySGLIeLeuCySPAGLyGLuLeuASP 81
DB 399 TCGGGGAGACCTCTCCACTTCATCCCGAGAGAGAGCTGTGTGACGAGAGCTGGACTGT 458
QY 82 ProLeuGlyGLuASPGLuGLIuHieCySVaLIySPSeRPhEProGLuGLIProLIaVala 101
DB 459 CCCTTGGGGGAGAGAGAGAGAGAGCTGTGTCAAGAGCTTCCCGAGAGGCTGGAGTGA 518
QY 102 ValaGLeSerLySPAPArgSerThRLeuGInValaLeuAPSeRValaThRlySPAnTrp 121
DB 519 GTCCGCTCTCCAGAGAGAGAGAGAGCTGAGTGGAGTGGAGTGGAGAGAGAGTGG 578
QY 122 PhESeRValaCySPPhEASPAnPhEThRGLuLIaLeuLIaGLIuThRValaCySPArgLI 141
DB 579 TTCTGTGCTGTTCGACACTTCACAGAGAGCTCGCTGAGACAGCTGTGAGGACAGT 638
QY 142 GLIyTySPSeRLeYSPProThRPhEArgLIaValaGLIuLIeGLIProASPGLnASPLeuASP 161
DB 639 GAGTACAGC-----AGAGCTGTGGAGATTTGCCCAAGACAGAGACTGTGAT 683
QY 162 ValaValaGLIuLIeThRGLuAnSerGLInLIeLeuHieThRLeuAnSerSerLySPProCys 181
DB 684 GTTGTGAATACAGAAAGAGAGAGAGAGAGCTGTGAGTGGAGAGAGAGAGAGAGTGG 743
QY 182 LeuSerGLySPSeRLeuValaSerLeuHieCySPLeuValaCySGLyLySPSeRLeuYSPThRPro 201
DB 744 CTCTCAAGGCTCCCTGGTCTCTCTGACCTGTTCCTGTGGAGAGAGAGAGAGAGAGAG 803
QY 202 ArgValaValaGLyGLInGLuLIaSeRValaSPSeRTrpProTrpGLInValaSerLIeGLIn 221
DB 804 CGTGTGTGGGTGGGAGAGAGAGAGAGAGCTGTGTGATTCTTGAGCTGGAGAGAGAG 863
QY 222 TyRASPlySPGLnHieSVaLIySPGLyGLySerLIeLeuAPProHieTrpValaLeuThRVala 241
DB 864 TACAGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
QY 242 ALaHieCySPPhEArgLySHieThRASPValaPhEAnTrpLySPValaArgLIaGLySPSeRASP 261
DB 924 GCCACAGCTTCAGAGAAACATACAGATGTGTTCACATCGAAGAGAGAGAGAGAGAGAG 983
QY 262 LyLeuGLySPSeRPhEProSeRLeuValaValaLySPLeLIeLIeLIeGLInPhEAnPro 281
DB 984 AAATCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1043
QY 282 MetTyRProLySPAnSPAnPLeLIaLeuMetLyLeuGLInPhEProLeuThRPhESeR 301
DB 1044 ATGTATCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103

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QY 302 GLIyThRValaArgProLIeCySPLeuProPhEASPGLInLIeThRProLIaThRPro 321
DB 1104 GGCACAGTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1163
QY 322 LeuTrpLIeLIeGLIyTyRGLyPhEThRlySPGLnAnSPGLyLyLySPSeRASPLeu 341
DB 1164 CTCTGATCATATTGGATGGGCTTTACAGAACAGAGATGAGAGAGAGAGATGTGTGACATAC 1223
QY 342 LeuGLInLIaSeRValaGLInValaLIeAPSeRThRArgCySPAnLIaSPAnLIaLyGLIn 361
DB 1224 CTGAGAGAGTGAAGTCAAGTCAATGACAGACAGAGAGAGAGAGAGAGAGAGAGAGAG 1283
QY 362 GLyGLuValaThRGLySPMeTMeCySPALaGLyLIeProGLuGLyGLyValaASPThR 381
DB 1284 GGGGAAATCAACAGAGAGAGAGATGTGTGAGAGAGATCCCGAGAGAGAGAGAGAGAGAG 1343
QY 382 GLInGLyASPSeRGLyGLyProLeuMeTlyRGLInSeRASPGLnTrpHieValaValaGLy 401
DB 1344 CAGGAGTCAAGTGTGGGAGAGAGAGAGAGAGATGATGACATGACAGAGAGAGAGAGAGAG 1403
QY 402 ValSeRTrpGLIyTyRGLyCySGLyGLyProSeRThRProGLyValaTyRThRlySPVala 421
DB 1404 GTTACGTGGGAGTATAGCTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1463
QY 422 AlaTyRLeuAnSPTrpLeTyRAnValaTrpLySPALaGLuLeu 435
DB 1464 GCTATCTCAACTGAGATCAATGTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1505

RESULT 171
US-10-063-551-111
; Sequence 111, Application US/10063551
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William J.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,551
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-551-111

Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-551-111 (1-2063)

QY 2 AAPPProASPSeRASPGLnProLeuAnSerLeuASPValLySPProLeuArgLySPArg 21
DB 219 GATCCGACAGATGATCAACCTCTGAAACAGCTCGATGCAACCCCTGGCAACCCCGT 278
QY 22 ILeProMeRGluThRPhEArgLySVaLIyLIeProLIeLIeLIaLeuLeuSerLeu 41
DB 279 ATCCCATGAGAACCTTCAGAAAGGTGGGATCCCATCATCATATGCACTAGAGCTG 338

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QY	42	AlaSerIleIleIleValIleValIleLeuLeuLeuValIleLeuAspLysTyrTyrPheLeu	61
Db	339	GGAATATCATCATTTGTGTGTCTCTCATCAAGGTGATTTCTGGATTAATCTACTTCTC	398
QY	62	CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGlnLeuAspCys	81
Db	399	TGGGGGAGCGCTCTCCACTTATCCCGAAGAGCGTGTGTGACGAGAGCTGACGTGT	458
QY	82	ProLeuGlyGlnAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla	101
Db	459	CCCTTGGGGGAGAGAGAGACACTGTGTCAAGACTTCCCGAAGGGCGTTCAGTGGCA	518
QY	102	ValAlaGlnLeuSerLysAspArgSerThrIleuGlnValLeuAspSerAlaThrGlyAsnTrp	121
Db	519	GTCCGCCCTCTCCAAAGACCGATTCACACTGACAGGTGCTGGATCTGGCCACAGAGAACTGG	578
QY	122	PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet	141
Db	579	TTCTCTGCTGCTTTGACAACTTCAAGAGCTCTCGCTGACAGCGCTGTAGCGAGATG	638
QY	142	GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161
Db	639	GGCTACAGC-----AGAGCTGTGAGATTGGCCCGACAGACGAGATCTGAT	683
QY	162	ValValGlnIleThrGlnAsnSerGlnGlnLeuArgMetArgAsnSerSerGlyProCys	181
Db	684	GTGTGTGAATATCAGAAACAGAACGACGAGCTTGCATGCGGAACCTCAATGTGGCGCTGT	743
QY	182	LeuSerGlySerLeuValSerIleuHisCysLeuAlaCysGlyLysSerLeuLysThrPro	201
Db	744	CTCTCAAGGCTCCCTGGTCTCTCTGCACTGTCTTGCTGTGGGAAGAGCTGAAGACCCC	803
QY	202	ArgValAlaGlyGlyGlnGlnAlaSerValaAspSerTrpProTrpGlnValSerIleGln	221
Db	804	CGTGTGGTGGGTGGGAGAGAGCGCTCTGTGGAATCTTGGCTTGGCAGAGCTGACATCCAG	863
QY	222	TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla	241
Db	864	TACGACAAACACACAGCTGTGTGAGAGGAGACATCTTGAGACCCCATCGGTCTCTCACGGGCA	923
QY	242	AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp	261
Db	924	GCCCATGCTTACGAGAAACATACCATGTGTCTCACTGAAAGGTGGGGCAGGCTCAGAC	983
QY	262	LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGlnPheAsnPro	281
Db	984	AAACGTGGGAGGCTCCATCCCTGGCTGTGGCCAGACATCATCATTAATTCAACCCC	1044
QY	282	MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer	301
Db	1044	ATGTACCCCAAGACATGACATCGCCCTTCATGAAAGCTCAGTCCACTCTCACTTCTCA	1104
QY	302	GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro	321
Db	1104	GGACACGTAGAGCCCATCTGTCTGCGCTTCTTGTGAGAGAGCTCACTCAGCCACCCA	1166
QY	322	LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu	341
Db	1164	CTCTGATCATCTTGATGGGGCTTTACGAAGACGAATGGAGGGAAGATGCTGACATACG	1222
QY	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln	361
Db	1224	CTGCAGAGCTCATGTCAGGTGATTTGACAGCACGCGTGAATTCACAGCATGTGTACAG	1282
QY	362	GlyGlnValaThrGlnLysMetMetCysAlaGlyTyrProGlnGlyGlyValaAspThrCys	381
Db	1284	GGGGAAGTCCCGAAGATGATGTGTGCGAGGCAATCCCGAAGGGGTGTGACACTTGC	1344
QY	382	GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValaGlyIle	401
Db	1344	CAGGTGACAGTGTGTGGGCCCTCGATGTACATCTGACCAAGTGGCATGTGTGGGCATC	1404
QY	402	ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer	421

Db	1404	GTTAGCTGGGCGCTATGCTGCGGGGCGCCGAGCACCCGAGAGATATACCAAGGCTTCA	1465
Qy	422	AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGluLeu	435
Db	1464	GCCATATCTCAACTGGATCTTACAAATGTCTGGAAGGCTGACTG	1505
RESULT 172			
US-10-063-553-111			
; Sequence 111, Application US/10063553			
; GENERAL INFORMATION:			
; APPLICANT: Eaton, Dan L.			
; APPLICANT: Filvarsoff, Ellen			
; APPLICANT: Gerritsen, Mary B.			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, Christopher J.			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Macanabe, Colin K.			
; APPLICANT: Mood, William I.			
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC			
; TITLE OF INVENTION: ACTIS ENCODING THE SAME			
; FILE REFERENCE: P3230R1C1			
; CURRENT APPLICATION NUMBER: US/10/063,553			
; CURRENT FILING DATE: 2002-05-02			
; Prior Application removed - See File Wrapper or Palm			
; NUMBER OF SEQ ID NOS: 170			
; SEQ ID NO 111			
; LENGTH: 2063			
; TYPE: DNA			
; ORGANISM: Homo Sapien			
US-10-063-553-111			
Alignment Scores:			
Pred. No.: 0 Length: 2063			
Score: 2297.50 Matches: 429			
Percent Similarity: 98.85% Conservative: 0			
Base Local Similarity: 98.85% Mismatches: 0			
Query Match: 98.10% Indels: 5			
DB: 40 Gaps: 1			
US-10-803-530-2 (1-435) x US-10-063-553-111 (1-2063)			
Qy	2	AspProAspSerAspGluProLeuAsnSerLeuAspValIysProLeuArgIysProArg	21
Db	219	GATCTGTGACAGTATCAACTCTGAAACAGCTTGATTAACCCCTGGCGAAACCCCT	278
Qy	22	IleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerLeu	41
Db	279	ATCCCATGTGAGACCTTCCAGAAAGGTGGGAGTCCCATCATATGACATCTAGCACTCG	338
Qy	42	AlaSerIleIleIleValValValLeuIleIysValIleLeuAspIysTyrTrpLeu	61
Db	339	GCGAGATCATCATGTGGTGTCTCCATCAAGAGTGAATCTGGATTAATACTACTTCCTC	398
Qy	62	CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGluLeuAspCys	81
Db	399	TGCGGCGAGCCCTTCCACTTCATCCCGAGAGAACAGACTGTGTGACGGAAGCTGAGCTGT	458
Qy	82	ProLeuGlyGluAspGlyGluHisCysValIysSerPheProGlyGlyProAlaValAla	101
Db	459	CCCTTGGGGGAGAGACGAGAGACACTGTGTCAAGAGCTTCCCGAAGGCTGCAAGTGGCA	518
Qy	102	ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp	121
Db	519	GTCCGCTCTCCACAGGACCGATCCACACTGCAAGTGCTGAACTCGGCCACAGGAACTGG	578
Qy	122	PheSerAlaCysPheAspAsnPheThrGlyAlaLeuAlaGluThrAlaCysArgGlnMet	141
Db	579	TTCTCTGCTGCTGTTTGCACAACTTCCAGAAAGCTTCTGCTGAGACAGCCTGTAGGCAAGT	638
Qy	142	GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp	161

Db 639 GGCTACAGC-----AGAGCTGTGGAGATTGGCCACGACCGAGATCTGGAT 683
 QY 162 ValValaGluIleThrtGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGAATATCAAGAAAAACAGCCAGAGCTTCGATCCGAGAACCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAGGCTCCCTGGTCTCCCTGCACCTCTTGGCTGTGGAGAAAGCTCGAAGACCCC 803
 QY 202 ArgValValaGlyGlyGluGluAlaSerValaAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGTGTGGTGGGAGAGAGCCCTCTGTGATTCTTGGCTTGGCAGGTGAGATCCAG 863
 QY 222 TyrAspLysGlnHisValaCysGlyGlySerIleLeuAspProHisIleTrpValLeuThrAla 241
 Db 864 TACGACAAACAGCACTCTGTGAGAGAGACATCTGAGACCCCACTGGGTCTCTCCACGGCA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValaPheAsnTrpLysValaArgAlaGlySerAsp 261
 Db 924 GCCCACTGCTCAGGAAACATACCCGATGTTCACCTGGAAGGTGCGGGCAGGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerIleuAlaValaAlaValIleIleIleGlnPheAsnPro 281
 Db 984 AATCTGGAGCTTCCTCCATCTCTGGCTGTGGCCAGATCATCATATGAAATTCACACCCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGAACATAGACATCCCTCATGAAAGCTGCACTCCCATCTTTCTCA 1103
 QY 302 GlyThrValaArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATCTGTCTGTCCCTTTGTGATGAGAGACTCATCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
 Db 1164 CTCTGATCATTTGATGTGGGCTTTTCAAGACAAATGAGAGAGATGTCTGACATCTGTG 1223
 QY 342 LeuGlnAlaSerValaGlnValaIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGCAGGCGTCAGTCAGGTCAATTCAGACACAGGTGCATGACAGATGGCTTACAG 1283
 QY 362 GlyGlyValaThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValaAspThrCys 381
 Db 1284 GGGGAAGTCACCGAAGATATATGTGCAGGCAATCCCGAAGGGGGTGTGACACCTGTC 1343
 QY 382 GlnGlyAspSerGlyLysProLeuMetTyrGlnSerAspGlnTrpHisValaValaGlyLe 401
 Db 1344 CAGGCTGACATGTGTGGGCTCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGCAATC 1403
 QY 402 ValSerTrpGlyLysGlyCysGlyGlyProSerThrProGlyValaTyrThrLysValSer 421
 Db 1404 GTTAGCTGGGGCTATGTGTGGGGGGCCCGAGCAACCCAGAGATATACCAAGGTCTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValaTrpLysAlaGluLeu 435
 Db 1464 GCCATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505
 RESULT 173
 US-10-063-554-111
 ; Sequence 111, Application US/10063554
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Metanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,554
 ; CURRENT FILING DATE: 2002-05-02
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-063-554-111
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: Gaps: 1
 US-10-803-530-2 (1-435) x US-10-063-554-111 (1-2063)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValaLysProLeuArgLysProArg 21
 Db 219 GATCTGACAGTATCACTCTGAACAGCCTCGATGTCAAAACCCCTGGCAAAACCCGT 278
 QY 22 IleProMetGlnThrPheArgLysValaGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACACTACTGAGCCCTG 338
 QY 42 AlaSerIleIleIleValaValaLeuIleLysValaIleLeuAspLysTyrTrpPheLeu 61
 Db 339 GCGAGTATATCATATGTGTGTCTTCCATCAAGGTGATCTGGATTAATATCACTTCTTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 Db 399 TGGGGACACCTCTCACTTCATCCGAGGAAGCAGCTGTGTGACGAGAGCTGAGCTGT 458
 QY 82 ProLeuGlyGluAspGlnGluHisCysValaLysSerPheProGluGlyProAlaValaAla 101
 Db 459 CCGTTGGGGAGAGACAGAGACATCTGTGTCAAGACTTCCCGAAGGGCTGTGAGTGGCA 518
 QY 102 ValaArgLeuSerLysAspArgSerThrLeuGlnValaLeuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCTCTCCAGAGACCGATCCACATGACAGGTGTGACTGGCCGACAGGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGlyThrAlaCysArgGlnMet 141
 Db 579 TTCTGTGCTGTGTGACAACTTCACAGAAAGCTCTGCTGAGACAGCCTGTAGGCAAGTGT 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValaGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGCTACAGC-----AGAGCTGTGGAGATTGGCCACGACCGAGATCTGGAT 683
 QY 162 ValValaGluIleThrtGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGAATATCAAGAAAAACAGCCAGAGCTTCGATCCGAGAACCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAGGCTCCCTGGTCTCCCTGCACCTCTTGGCTGTGGAGAAAGCTCGAAGACCCC 803
 QY 202 ArgValValaGlyGlyGluGluAlaSerValaAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGTGTGGTGGGAGAGAGCCCTCTGTGATTCTTGGCTTGGCAGGTGAGATCCAG 863
 QY 222 TyrAspLysGlnHisValaCysGlyGlySerIleLeuAspProHisIleTrpValLeuThrAla 241
 Db 864 TACGACAAACAGCACTCTGTGAGAGAGACATCTGAGACCCCACTGGGTCTCTCCACGGCA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValaPheAsnTrpLysValaArgAlaGlySerAsp 261
 Db 924 GCCCACTGCTCAGGAAACATACCGATGTTCACCTGGAAGGTGCGGGCAGGCTCAGAC 983

QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleIleGluPheAsnPro 281
 DB 984 AAATGGGACGCTTCCATCCCTGGCTGTGGCAAGATCATCATTTGAATTCACCCCC 1043
 QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGACATATGATCATGCCCTCATGAAGCTGACGTTCCCATCTTCTTCCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCAAGTCAGAGCCCATCTGTCTGCTTTTATGAGAGCTCATCTCCAGCAACCCCA 1163
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrIysGlnAsnGlyIlyIysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGCTTTTACAGACAGATGAGAGGATGTCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGACAGGCTCAGTCAGAGTCATTGACAGCACAGGTCATGACAGATGCCATCCAG 1283
 QY 362 GlyGluValThrGluIysMetMetCysAlaGlyIleProGluGluGlyValAspThrCys 381
 DB 1284 GGGGAAAGTCACCGAAGATATGTGTGACAGCATCCGGAAGGGGAGTGAGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyIlyProLeuMetTyrGlnSerAspGlnTrpIleValIleGlyIle 401
 DB 1344 CAGGTCAGAGGGGCTTGGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyIlyProSerThrProGlyValTyrThrIysValSer 421
 DB 1404 GTTAGCTGGGCTTATGGCTGGGGGGGCGGAGCACCCAGAGGTATACACCAAGGTCTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValIleIlyValIleGluLeu 435
 DB 1464 GCTATCTCACTGATCTACATGTCTGAAGGCTGAGCTG 1505

RESULT 174

US-10-063-555-111

Sequence 111, Application US/10063555

GENERAL INFORMATION:

APPLICANT: Baton, Dan L.

APPLICANT: Filvaroff, Ellen

APPLICANT: Gerriksen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Macanabe, Colin K.

APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3230R1C1

CURRENT APPLICATION NUMBER: US/10/063,555

PRIORITY FILING DATE: 2002-05-02

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 170

SEQ ID NO 111

LENGTH: 2063

TYPE: DNA

ORGANISM: Homo Sapien

US-10-063-555-111

Alignment Scores:

Pred. No.: 0

Score: 2297.50

Percent Similarity: 98.85%

Best Local Similarity: 98.85%

Query Match: 98.10%

DB: 40

US-10-803-530-2 (1-435) x US-10-063-555-111 (1-2063)

2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21

DB 219 GATCTGACAGTATCACTTGAACAGCCTGATGTCAACCCCTGCCAAACCCCGT 278
 QY 22 IleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuSerLeu 41
 DB 279 ATCCCAAGAGACCTTCAAGAAAGTGGGATCCCATCATATGACACTACTGAGCTG 338
 QY 42 AlaSerIleIleIleValIleValIleIysValIleLeuAspIlyTyrPheLeu 61
 DB 339 GCGAGTATCATATGTGTGTCTCATCAAGGTGATTCGATTAATATCTACTTCTTC 398
 QY 62 CysGlyGlnProLeuIleIlePheIleProArgIysGlnLeuCysAspGlyIlyLeuAspCys 81
 DB 399 TGCAGGAGCCTTCCCATCTTATCCCGAAGAGAGCTGTGTAGCGAGAGCTGAGCTGT 458
 QY 82 ProLeuGlyGluAspGluGluIleIleCysValIysSerPheProGluGlyProAlaValAla 101
 DB 459 CCTTGGGAGAGAGACAGAGACCTGTGTCAAGAGCTTCCCGAAGGGCTCGAGTGGCA 518
 QY 519 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCGCTCTTCAAGAGACCATTCACATGAGGTGCTGAGCTGGCCACAGGAGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB 579 TTCTCTGCTGTTTGCACAACTTCACAGAGCTTCTGCTGAGACAGCCTGTAGGACATG 638
 QY 142 GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB 639 GGCCTACAGC-----AGAGCTGTGAGAGTTGGCCCAAGACAGAGACTGTGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
 DB 684 GTTGTGAATCAGAAAGAAAGCAGAGAGCTTGCATGGGAACTCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuIleCysLeuAlaCysGlyIlySerLeuIlyThrPro 201
 DB 744 CTCTCAGGCTCCCTGAGTCTCCCTGACATGCTTCTGCTGAGGAGAGCTTGAACACCC 803
 QY 202 ArgValValGlyIlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 DB 804 CGTGTGTGGGTGGAGAGAGGCTCTGTGATTTCTGCTTGGCAGGTACAGATCCAG 863
 QY 222 TyrAspIysGlnIleValIleCysGlyIlySerIleLeuAspProIleTrpValIleThrAla 241
 DB 864 TACACAAACGACAGCTGTGTGAGAGAGATCTTGACCCCACTGGGTCTTCAAGGCA 923
 QY 242 AlaIleCysPheArgIlyIleThrAspValPheAsnTrpIlyValArgAlaGlySerAsp 261
 DB 924 GCCACCTGCTTCAAGAAACATACGATGTGTCAACTGGAAGTGGCGGAGGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleIleGluPheAsnPro 281
 DB 984 AAATGGGACGCTTCCATCCCTGGCTGTGGCAAGATCATCATTTGAATTCACCCCC 1043
 QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGACATATGATCATGCCCTCATGAAGCTGACGTTCCCATCTTCTTCCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCAAGTCAGAGCCCATCTGTCTGCTTTTATGAGAGCTCATCTCCAGCAACCCCA 1163
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrIysGlnAsnGlyIlyIysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGCTTTTACAGACAGATGAGAGGATGTCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGACAGGCTCAGTCAGAGTCATTGACAGCACAGGTCATGACAGATGCCATCCAG 1283
 QY 362 GlyGluValThrGluIysMetMetCysAlaGlyIleProGluGluGlyValAspThrCys 381

Db 1284 GGGGAAGTCAACGAAATGATGTGTGACGATCCCGAGGGGTGTGACACTTGC 1343
Qy 382 GINGLYAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTphIstValValGlyIle 401
Db 1344 CAGGGTGAACAGTGTGGGCCCCCTGATGATCAATCTGACCAAGTGGCATGTGGGCATC 1403
Qy 402 ValSerTphGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIstValSer 421
Db 1404 GTTAGCTGGGGCTATGTGGCTGGGGGCGGAGCAAGGAGTATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTphIleTyrAsnValTphLysAlaGluLeu 435
Db 1464 GCCTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505
RESULT 175
US-10-063-557-111
; Sequence 111, Application US/10063557
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gueney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: GNE.3230R1C39
; CURRENT APPLICATION NUMBER: US/10/063,557
; CURRENT FILING DATE: 2002-05-02
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 60/169,495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: US 60/170,262
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: US 60/175,481
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/04341
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: PCT/US00/04342
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/05601
; PRIOR FILING DATE: 2000-03-01
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-557-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-557-111 (1-2063)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIstProLeuArgIstProArg 21
|||||

Db 219 GATCCTGACAGTGAATCAACCTTGAACAGCCTCGATGTCAAAACCCCTGGCAAAACCCCT 278
Qy 22 IleProMetGlnThrPheArgIstValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAAGAAAGTGGAGATCCCATCATCATCACTACAGACCTG 338
Qy 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspIstTyrTyrPheLeu 61
Db 339 GCGAGTATCATCATGTGTGTGTCTCATCAAGGTATTTGTGATTAATATCTCTCTC 398
Qy 62 CysGlyGlnProLeuIstPheIleProArgIstGlnLeuCysAspGlyIstLeuAspCys 81
Db 399 TGCAGGAGCCTCTTCCACTTCATCCGAGAGACAGCTGTGTGACGAGAGCTGACTGT 458
Qy 82 ProLeuGlyIstLeuAspGlnIstCysValIstSerPheProGlnGlyProAlaValAla 101
Db 459 CCCTGGGGGAGAGACAGAGACCTGTGTCAAGAGCTTCCGAAAGGCTCGAGTGGCA 518
Qy 102 ValArgLeuSerIstAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTph 121
Db 519 GTCCGCTCTCCAAAGACCATCACTGACAGTGTCTGACTCGGCCACAGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlyThrAlaCysArgIstMet 141
Db 579 TTCTTGTCTCTTTTCAACAACCTTCAAGAGCTCTGTGACACAGCCTGTAGGAGATG 638
Qy 142 GlyTyrSerSerIstPheThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATTGGGCCACAGACAGATCTGAT 683
Qy 162 ValValGlnIleThrGlnAsnSerGlnIstLeuAspMetArgAsnSerSerIstProCys 181
Db 684 GTTGTGAATATCAAGAAACAGCAGAGCTTCCATGCGGAACTCAAGTGGGCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuIstCysLeuAlaCysGlyIstSerLeuIstPhePro 201
Db 744 CTCTCAAGCTCTCTGTGTCTCTGACATGTCTTGTGTGGAAAGCTTGAAGACCTCC 803
Qy 202 ArgValValGlyGlyGlnIstAspValAspSerTphProTphGlnValSerIleGln 221
Db 804 CGTGTGTGTGGGAGAGAGGCTCTGTGATCTTGTGGCTTGGCAAGTCAAGTCAAG 863
Qy 222 TyrAspIstGlnIstValCysGlyIstSerIleLeuAspProIstTphValLeuThrAla 241
Db 864 TAGACAAACACAGATCTGTGAGAGAGATCTGACCCCACTGGGTCTTCAAGCA 923
Qy 242 AlaIstCysPheArgIstIstThrAspValPheAsnTphLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGTTCAGGAAACATACGATGTTCACATGGAAGTGTGGGCGAGGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
Db 984 AACTGGGAGGCTTCCATCCCTGTGTGTGCCAAAGATCATCATCATTTGAATCAACCC 1043
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACAAAGACATGCTCTCATGAGCTGACATTTCCACTACTTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAAGGCCCATCTGTCTGCCCTTTTGTATGAGGAGCTCACTCCAGCACCCCA 1163
Qy 322 LeuTphIleIleGlyTphGlyPheThrIstGlnAsnGlyIstLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGTGGGCTTTTCAAGAGAGATGAGGAGAGATGTGACATCTCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAGGGGTCAAGTCAAGTCAATGACACAGCAACGTGTGACATGACAGCATGTGCTACAG 1283
Qy 362 GlyIstValThrGlnLysMetMetCysAlaGlyIleProGlnGlyIstValAspThrCys 381
Db 1284 GGGGAAGTCAACGAAAGATGATGTGTGACAGGATCCCGAAAGGGGTGTGACACTGC 1343

Qy 382 GlnGlyAspSerGlyValProLeuMetTyrGlnSerAspGlnTyrHisValValGlyIle 401
 Db 1344 CAGGATGACAGTGGTGGGCCCCCTGATGTACCAATGTGACAGTGCATGTGTGGGCAATC 1403
 Qy 402 ValSerTPGlyTyrGlyCysGlyValProSerThrProGlyValTyrThrIleValSer 421
 Db 1404 GTTACTGGGGCTATGCTGCGGGGCCCCGAGCACTCCAGAGATATACCAAGGCTCTCA 1463
 Qy 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrIleValGlnLeu 435
 Db 1464 GCGTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505
 RESULT 176
 US-10-063-560-111
 Sequence 111, Application US/10063560
 GENERAL INFORMATION:
 APPLICANT: Eaton, Dan L.
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Geritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Maranabe, Colin K.
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3230R1C1
 CURRENT APPLICATION NUMBER: US/10/063,560
 CURRENT FILING DATE: 2002-05-02
 PRIOR APPLICATION NUMBER: 60/063435
 PRIOR FILING DATE: 1997-10-29
 PRIOR APPLICATION NUMBER: 60/064215
 PRIOR FILING DATE: 1997-10-29
 PRIOR APPLICATION NUMBER: 60/082797
 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/083495
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/087759
 PRIOR FILING DATE: 1998-06-02
 PRIOR APPLICATION NUMBER: 60/088021
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088029
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088030
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088734
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088740
 PRIOR FILING DATE: 1998-06-10
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 PRIOR APPLICATION NUMBER: 60/088824
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 PRIOR APPLICATION NUMBER: 60/088825
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088863
 PRIOR FILING DATE: 1998-06-11
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 PRIOR FILING DATE: 1998-06-12
 PRIOR APPLICATION NUMBER: 60/089514
 PRIOR FILING DATE: 1998-06-16
 PRIOR APPLICATION NUMBER: 60/089653
 PRIOR FILING DATE: 1998-06-17
 PRIOR APPLICATION NUMBER: 60/089952
 PRIOR FILING DATE: 1998-06-19
 PRIOR APPLICATION NUMBER: 60/090246
 PRIOR FILING DATE: 1998-06-22
 PRIOR APPLICATION NUMBER: 60/090444
 PRIOR FILING DATE: 1998-06-24

PRIOR APPLICATION NUMBER: 60/090688
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090696
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090862
 PRIOR FILING DATE: 1998-06-26
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 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/096012
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 PRIOR APPLICATION NUMBER: 60/106030
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106464

PRIOR FILING DATE: 1998-10-30
PRIOR APPLICATION NUMBER: 60/106856
PRIOR FILING DATE: 1998-11-03
PRIOR APPLICATION NUMBER: 60/108807
PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/112419
PRIOR FILING DATE: 1998-12-15
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PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
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PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114223
PRIOR FILING DATE: 1998-12-30
PRIOR APPLICATION NUMBER: 60/115614
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116527
PRIOR FILING DATE: 1999-01-20
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/119285
PRIOR FILING DATE: 1999-02-09
PRIOR APPLICATION NUMBER: 60/119287
PRIOR FILING DATE: 1999-02-09
PRIOR APPLICATION NUMBER: 60/119525
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/119549
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/120014
PRIOR FILING DATE: 1999-02-11
PRIOR APPLICATION NUMBER: 60/129122
PRIOR FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/129674
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/138387
PRIOR FILING DATE: 1999-06-09
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/169495
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: 60/175481
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: 60/191007
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/199397
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/380139
PRIOR FILING DATE: 1998-08-25
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380137
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380138
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25

Alignment Scores:

Pred. No.: 0
Score: 2297.50

Length: 2063
Matches: 429

Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40

Conservative: 0
Mismatches: 0
Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-560-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAenSerLeuAspValIysProLeuArgIysProArg 21
Db GATCCTGACAGTATCACTTGAACAGCTCGATGATCAACCTTGGCGAACCCTCG 278
QY 22 IleProMetGlnThrPheArgIysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db ATCCCAATGAGACCTTCAGAAAGGAGGATCCCATATCATATACACTACTGACCTG 338
QY 42 AlaserIleIleIleValValIleuIleValIleuAspIysTyrTyrPheLeu 61
Db GCGAGTATCATCTTGTGTGTCTTCATCAAGATATCTGGATTAATATCTTCTTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyIleuAspCys 81
Db TGGGGGAGCTCTCCACTTCATCCAGAGAAAGCACTGTGTGA CGAAGAGCTGACTGT 458
QY 82 ProLeuGlyValAspGlnIleHisCysValIysSerPheProGlnGlyProAlaValAla 101
Db CCCTTGGGGAGAGACAGAGACACTGTGTCAAGAGCTTCCCGAAGGGGCTTGAGTGA 518
QY 459 CCCTTGGGGAGAGACAGAGACACTGTGTCAAGAGCTTCCCGAAGGGGCTTGAGTGA 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db GTCCGCTCTCCAAAGACCGATCCACATCGAAGTGTCTGGAATCGGCGCAAGGAATCG 578
QY 519 GTCCGCTCTCCAAAGACCGATCCACATCGAAGTGTCTGGAATCGGCGCAAGGAATCG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaAlaGlnThrAlaCysArgGlnMet 141
Db TTCTGTGCTGTTCACAACTTCACAGAAAGCTTCGCGAAGACCCGTGTGAGCAATG 638
QY 579 TTCTGTGCTGTTCACAACTTCACAGAAAGCTTCGCGAAGACCCGTGTGAGCAATG 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
Db GCGTACAGC-----AGAGCTGTGAGATTTGGCCAGACCAAGATTCGGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnIleuAspMetArgAsnSerSerGlyProCys 181
Db GTTGTTGAATCAAGAAACAGACGAGCTTCCATCGGAATCGGAATCGGAGCTCGT 743
QY 684 GTTGTTGAATCAAGAAACAGACGAGCTTCCATCGGAATCGGAGCTCGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThrPro 201
Db CTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTGTGCGGAAAGCCTGAAGACCCC 803
QY 744 CTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTGTGCGGAAAGCCTGAAGACCCC 803
QY 202 ArgValValGlyIysGlnIleuAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db CGTGTGTGGTGGGAGAGAGGCTCTGTGATTTCTGGCCTTGGCAGGTACATCCAG 863
QY 804 CGTGTGTGGTGGGAGAGAGGCTCTGTGATTTCTGGCCTTGGCAGGTACATCCAG 863
QY 222 TyrAspIysGlnHisValCysGlyIysSerIleuAspProHisIleTrpValLeuThrAla 241
Db TACGACAAACACAGACGTCGTGTGAGAGAGCATCCGACCCCATGAGGTCTTCACGCA 923
QY 864 TACGACAAACACAGACGTCGTGTGAGAGAGCATCCGACCCCATGAGGTCTTCACGCA 923
QY 242 AlaHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
Db GCCACTGCTTACGAAACATACATGTTCACTGAAAGTCCGACGCTCAAC 983
QY 924 GCCACTGCTTACGAAACATACATGTTCACTGAAAGTCCGACGCTCAAC 983
QY 262 IysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleGluPheAsnPro 281
Db AAACCTGGGAGCTTCCATCCCTGCTGTGGCCAAAGATCATCATATGAATTCAACCC 1043
QY 984 AAACCTGGGAGCTTCCATCCCTGCTGTGGCCAAAGATCATCATATGAATTCAACCC 1043
QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
Db ATGTATCCCAAGAAAGAAAGACATGCTCTCAAGAGTCCATCCCACTCACTTTCACA 1103
QY 1044 ATGTATCCCAAGAAAGAAAGACATGCTCTCAAGAGTCCATCCCACTCACTTTCACA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnIleuThrProAlaThrPro 321
Db GGCACAGTACAGGCCCATCTGTCTGCTTCTTTGATGAGAGCTCATCCAGCCACCCCA 1163
QY 1104 GGCACAGTACAGGCCCATCTGTCTGCTTCTTTGATGAGAGCTCATCCAGCCACCCCA 1163
QY 322 LeuTrpIleIleIleGlyTyrGlyPheThrIysGlnAsnGlyIysMetSerAspIleLeu 341

Db 1164 CTCTGATCATTTGGATGGGGCTTTACGAGAGATGAGGAGATGTCTGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGACAGGGGTACAGTCACAGGTCAATGACACACCGTCCAAATGACAGAGCGGTACAG 1283
Qy 362 GlyGluValIleThrGluValMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAAGTACCCGAGAGATATGTGTACAGCATCCCGAGAGGGGGTGTGACACCTGC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrPheIleValGlyIle 401
Db 1344 CAGGGTGCATGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGGTGGGCAATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrValSer 421
Db 1404 GTTAGCTGGGCTATAGCTGGGGGGGGCCGAGCACCCGAGAGTATACACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIleValGluLeu 435
Db 1464 GCTATCTCACTGATCTACATGTCTGAAAGCTGAGCTG 1505

RESULT 177
US-10-063-561-111
Sequence 111, Application US/10063561
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P323ORICI
CURRENT APPLICATION NUMBER: US/10/063,561
CURRENT FILING DATE: 2002-05-02
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-561-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-561-111 (1-2063)

Qy 2 AppProAspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgIleProArg 21
Db 219 GATCTGACAGTGAATCACTCTGAAACAGCTCTGATGTCAAAACCCCTGGGCAAAACCCCT 278
Qy 22 IleProMetGluThrPheArgIleValGlyIleProIleIleIleAlaLeuLeuSerIleu 41
Db 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATACATGACCTAGAGCCCTG 338
Qy 42 AlaSerIleIleIleIleValIleValIleLeuIleValIleLeuAspIleTyrThrPheLeu 61
Db 339 GCGAGTATCATATGTGTGTGTCTTCATCAAGGTATTCGTGATAAATCACTTCCTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgIleGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGCGGACAGCTCTCTCACTTCACTCCGAGAGACACTGTGTGACGAGAGCTGAGCTGT 458

Qy 82 ProLeuGlyGluAspGluGluHisCysValIleSerPheProGluGlyProAlaValAla 101
Db 459 CCGTGGGGGAGAGACGAGAGACATGTGTCAAGAGCTTCCCGAGAGGGCCCTGAGTGGCA 518
Qy 102 ValArgLeuSerIleAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTTCAAGAGACCGATCCACATGCAAGGTGTGTGACTGGCCACAGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluTrpAlaCysArgIleMet 141
Db 579 TTCCTGCTGTTCGACAACTTCACAGAACTCTCGCTGAGACAGCTGTGAGGAGATG 638
Qy 142 GlyTyrSerSerIleProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GCGTACAGC-----AGAGCTGTGAGATGTGGCCAGACAGAGATCTGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerGlyProCys 181
Db 684 GTTGTAATCAACAGAAACAGACGAGAGCTTCGATGCGGAATCAAGTGGGCTCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIleSerLeuIleThrPro 201
Db 744 CTCTAGGCTCCCTGTCTCCCTGACATGTCTTGTCTGTGAGAGAGCTTAAGACCTCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGGGGTGGAGAGAGAGCTCTGTGATCTTGCTGGCAGGTACAGATCCAG 863
Qy 222 TyrAspIleGlnHisValCysGlyGlySerIleLeuAspProHisArgValIleThrAla 241
Db 864 TACGACAAACAGCAGTGTGTGAGAGAGATCCCTGAGACCCCACTGGGTCTCTCAAGCA 923
Qy 242 AlaHisCysPheArgIleHisThrAspValPheAsnTrpIleValArgAlaGlySerAsp 261
Db 924 GCCACCTGCTTCAGAGAAACATACCATGTGTTCACATGGAAGTGGCGGAGCTCAAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAsnPro 281
Db 984 AAACGGGAGCTTCCATCCCTGTGGCTGTGGCCAGATCATCATTAATTCACACCC 1043
Qy 282 MetTyrProIleAspAsnAspIleAlaLeuMetIleLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACAAAGACATGCTCATGAAGAGTGGAGTCCCATCACTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAAGGCCATGTGTCTGCTTCTTGTGTAGAGAGCTCACCTCCAGCCCA 1163
Qy 322 LeuTrpIleIleIleGlyTrpGlyPheThrArgGlnAsnGlyIleMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGGATGGGGCTTTACGAGAGATGAGGAGATGTCTGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGACAGGGGTACAGTCACAGGTCAATGACACACCGTCCAAATGACAGAGCGGTACAG 1283
Qy 362 GlyGluValIleThrGluValMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAAGTACCCGAGAGATATGTGTACAGCATCCCGAGAGGGGGTGTGACACCTGC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrPheIleValGlyIle 401
Db 1344 CAGGGTGCATGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGGTGGGCAATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrValSer 421
Db 1404 GTTAGCTGGGCTATAGCTGGGGGGGGCCGAGCACCCGAGAGTATACACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIleValGluLeu 435
Db 1464 GCTATCTCACTGATCTACATGTCTGAAAGCTGAGCTG 1505

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RESULT 178
US-10-063-562-111
; Sequence 111, Application US/10063562
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,562
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-562-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-562-111 (1-2063)
QY 2 AAPPRAAPSERASGGLNPROLEUANSERLEUAPVALYSPROLEUARGLYSPROARG 21
DB 219 GATCTGTGACAGTATCACTCTGTGAACAGCTCGATGTCAAACCCCTGCGCAACCCCGT 278
QY 22 ILEPROMETGLTHRPHEARGLYSVALGYLILEPPOILLEILEALALEULEUSETLEU 41
DB 279 ATCCCATGAGGACCTTGAGAAAGGTGGGAGATCCCATCATCATATGACATGACCTG 338
QY 42 ALASERLEILLEILEVALVALLEULEULEYVALILEUAPPLYSTYTYR-PHELEU 61
DB 339 GCGAGTATCATCATGTTGTGTCTCATCAAGGTGATTCGATTAATACTACTTCTC 398
QY 62 CYSGLVGNPROLEUHSIPHEILEPROARGLYSGINLEUCYSAPGILYGLULEUAPCY 81
DB 399 TCGGGGAGCCCTCTCCACTTCACTCCCGAAGGACGCTGTGTGACGAGAGCTGGACTGT 458
QY 82 PROLEUGLYGUAPGUGLNUHISCYEVALLYSSERPHEPROGUGLIPROALAVALA 101
DB 459 CCTTGGGGGAGGAGCAGAGGACACTGTGTCAAGACTTCCCGAAGGGCTCGACGTGGCA 518
QY 102 VALARGLEUSERLYSAPARGSERTHLEUGLINVALLEUAPSERALATHRGLYASNTIP 121
DB 519 GTCGCGCTCTCCAGAGCCGATCCACACTGCAAGGTGCTGCACTGGCCACAGGGAAGCTGG 578
QY 122 PHESERALACYS-PHEAPASNPHETHRGUALALEUVALAGUNTHRALACYSARGINMEC 141
DB 579 TTCTCTGCTGTTTCCGACCACTTCAAGAAAGCTTCCCTGAGACAGCCTGTAGCGAGATG 638
QY 142 GLYTYRISERISERLYSPROTHR-PHEARGALAVAGLUILEGLYPROASPGINAPLEUAP 161
DB 639 GGCTACAGC-----AGAGCTGTGAGAGTTGGCCACAGCCAGATCTGGAT 663
QY 162 VALVALGLUILETHRGUANSERGLNLEUARGMETKARGANSERISERGLYPROCY 181
DB 684 GTTGTGTAATATCAACAGAAAACAGCAGAGACTTGCATGTGGAACTCAAGTGGGCGCTGT 743
QY 182 LEUSERGLYSERLEUVALSERLEUHSIPHEILEUVALACYSGLYSSERISERLYSPRO 201

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DB 744 CTCTCAGGCTCCCTGCTCTCTCCCTGCACTGTCTTGCTGGGAAGACCTGAAAGACCC 803
QY 202 ARGVALVALGYLGYUGLNUHIALSERVALASERTYRPROTHRGUNVALSERILEGIN 221
DB 804 CTTGTGTGGTGGGGAGAGGCTCTGTGATTTCTTGAGCTTGGGACAGGACATCCAG 863
QY 222 TYRASPGLYSGLNHISVALCYSGILYSERILEUAPSPROHISTYRVALLEUTHRALA 241
DB 864 TACGACAAACAGCAGCTGTGTGAGGGAGCATCTGGACCCCACTGGGCTCCACGGCA 923
QY 242 ALAHISCYSPHEARGLYSHISTHRAPVALPHEASNTYRVALARGALAGLYSERAAP 261
DB 924 GCCCACTGCTTCAGGAAACATACCGATGTGTTCACCTGMAAGGTGGCGAGGCTCAGAC 983
QY 262 LYSLEUGLYSERPHEPROSERLEUVALAVALELLEILLELLEGLUPHEANPPO 281
DB 984 AAACCTGGGAGCTTCCATCTCTGCTGTGGCCAAAGATCATCATTAATTCACACCC 1043
QY 282 METYRPROLYSASPANAPILLEALALEUETLYSLEUGLNPHEPROLEUTHRPHESE 301
DB 1044 ATGTACCCCAAGACATGACATCGCCCTCATGAACTGCAGATTCCCACTCACTTCTCA 1103
QY 302 GLYTHRVALARPROLIECYSERLEUPROPHESPASGLUGLNULEUTHRPROALATHRPO 321
DB 1104 GGCAAGTCAAGGCCCATCTGTCTGCTCTTTGTATGAGAGACTCACTCCAGCCACCCA 1163
QY 322 LEUTHRIELLEGLYTRPGLYPHETHRLYSGINASGLYLYSMETSERAPILLEU 341
DB 1164 CTCGTGATCATTTGATGGGGCTTTACGAAGAGANTGAGGGAAATGCTTACATCTG 1223
QY 342 LEUHLALASERVAGLNUVALILEASPERTHRA-GYASNALASAPSPALATYRGIN 361
DB 1224 CTCAGGCGCTGAGTTCAGGTATGTGACAGCACAGGTGACATGACAGACCATCGTACAG 1283
QY 362 GLYLUVALTHRGUUSMETMETCYSAIAGLYLILEPROGUGLGYLVALASPTHRYS 381
DB 1284 GGGGAAGTACCGAGAAAGATGATGTGTGAGGCACTCCGAAGGGGGTGTGACACTTGC 1343
QY 382 GINGLYASPSERGLYGLYPROLEUMETTYRGINSEARSPGINTRPHISVALVALGYL 401
DB 1344 CAGGGTGAAGATGTGGGGCCCTGATGTAACAATGTGACAGTGGCATGTGGTGGCATTC 1403
QY 402 VALSERTRPGLYTYRGLYCYSGILYGLYPROSERTHRPROGLYVALTYRTHLYSVALSER 421
DB 1404 GTTAGCTGGGCTTATGCTGCGGGGGCCCGAGCCACCCAGAGATATACACCAAGGTCTCA 1463
QY 422 ALATYRLEUASNTIPILETYRASNVALTRPYVALAGLULEU 435
DB 1464 GCCTATCTCACTGGATGTACAAATGTGTGAAAGCTGAGCTG 1505

RESULT 179
US-10-063-563-111
; Sequence 111, Application US/10063563
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,563
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063

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TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-563-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-563-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAmsSerLeuAspVallyPProLeuArglyProArg 21
DB 219 GATCCTGACAGTGAATCAACCTCTGMAACGCTCGATGCAAAACCCCTCGGAAACCCCGT 278
QY 22 IleProMetGlnThrPheArglyValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCAAGAGAGACTTCAGAAAGGTGGAGATCCCATATCATATGCACTTCTAGACTG 338
QY 42 AlaSerIleIleIleValIleValIleValIleValIleLeuAspLyTyTyPheLeu 61
DB 339 GCGAGTATCATATGTTGTGTCTCTCATCAAGTGAATTCGATTAATTAATTAATTAATTA 398
QY 62 CysGlyGlnProLeuHisPheIleProArglyGlnLeuGlyAspGlyGlnLeuAspCys 81
DB 399 TGGCGGAGAGCTCTCACTTCACTTCACTTCACTTCACTTCACTTCACTTCACTTCACT 458
QY 82 ProLeuGlyGlnAspGlyGlnHisGlyVallySerPheProGlyGlyProAlaValAla 101
DB 459 CCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerLyAspArgSerThrLeuGlnValIleLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
DB 579 TTCTGTGCTGTTTGCAGACATTCACAGAGCTCTGCGAGAGAGAGAGAGAGAGAGAGAG 638
QY 142 GlyTySerSerLyProThrPheArgAlaValGlyIleGlyProAspGlnAspLeuAsp 161
DB 639 GCGTTCAGAG-----AGAGCTGAGAGATTGGCCAGAGAGAGAGAGAGAGAGAGAT 683
QY 162 ValValGlnIleThrGlnAmsSerGlnLeuAmsMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGTAATACAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySerLeuLyThrPro 201
DB 744 CTCTAGAGGTCTCCGTGTCTCTCTGCACTGTCTGCTGAGAGAGAGAGAGAGAGAGAGAG 803
QY 202 ArgValValGlyGlyGlnValAspSerValAspSerTrpProGlnValSerIleGln 221
DB 804 CCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 863
QY 222 TyrAspLyValGlnHisValCysGlyGlySerIleLeuAspProHisGlyValLeuThrAla 241
DB 864 TAGCAACAAACAGAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 923
QY 242 AlaHisCysPheArglyHisThrAspValPheAsnTrpLyValArgAlaGlySerAsp 261
DB 924 GCCCACTGCTTCAGAGAAACATACCGATGTCTCAATCGAAGGTGGGAGAGAGAGAGAG 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGlnPheAsnPro 281
DB 984 AAACAGGAGAGCTTCCATCCCTGAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043
QY 282 MetTyProLyAspAsnAspIleAlaLeuMetLyLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103

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QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro 321
DB 1104 GGCACATCAGAGGCCCATCTGTCTGTCTCTTTGATAGAGAGCTCATCTCCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTyPheThrLyGlnAmsGlyGlyLyMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGTGATGGGCTTTTACAGACAGATAGAGAGAGAGAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyGln 361
DB 1224 CTGCAAGGCTGACGTCAGAGTATGACAGACACGCTGCAATGCAACAGATGCTTACAG 1283
QY 362 GlyGlnValThrGlnLysMetMetCysAlaGlyIleProGlyGlyValAspThrCys 381
DB 1284 GGGAGATCACCAGAGAGAGATATGTGTGAGAGATCCCGAGAGGGGGGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGCTGACAGTGTGTGGGCCCTGATGTATCAACATCTGACAGTGTGTGTGTGTGTGT 1403
QY 402 ValSerTrpGlyTyTyGlyCysGlyGlyProSerThrProGlyValTyThrLyValSer 421
DB 1404 GTTAGCTGGGGCTTATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1463
QY 422 AlaTyLeuAsnTrpIleTyAsnValTrpLyAlaGlnLeu 435
DB 1464 GCTTATCTCACTGATCTCAATGTCTGAAAGCTGAGCTG 1505

RESULT 180
US-10-063-564-111
Sequence 111. Application US/10063564
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,564
PRIOR APPLICATION REMOVED - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-564-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-564-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAmsSerLeuAspVallyPProLeuArglyProArg 21
DB 219 GATCCTGACAGTGAATCAACCTCTGMAACGCTCGATGCAAAACCCCTCGGAAACCCCGT 278
QY 22 IleProMetGlnThrPheArglyValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCAAGAGAGACTTCAGAAAGGTGGAGATCCCATATCATATGCACTTCTAGACTG 338

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QY	442	AlAserTlellelleValValleuileuileuValleuAspLysTyrPheLeu	61
Db	339	GGAGATATCATATGTGGTGTCTCATCAAGGTGATCTTGATTAATCATCTTCTC	399
QY	62	CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCybAspGlyGlnLeuAspCys	81
Db	399	TGCGGGCAGCCTCTCCACTTCATCCCGAGAAAGCAGCTGTGTGACGAGAGCACTGACCTGT	455
QY	82	ProLeuGlyGlnAspGlnGlnHisCysValIlySerPheProGlnGlyProAlaValAla	101
Db	459	CCCTTGGGGAGAGAGAGAGACGTGTCAAGACCTTCCCGAAGGSCCTGACGTGGCA	518
QY	102	ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr	121
Db	519	GTCGCGCTCTCCAGAGACCGATCCACATCGAGGTGTGTGACTGGCGCACAGGGAACTGG	578
QY	122	PheSerAlaCybPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet	141
Db	579	TTCTCTGGCTGTTCGACAACTTCACAGAAAGCTCTCGGTGAGACAGCTGTAGGCAATG	638
QY	142	GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161
Db	639	GGCTACAGC-----AGAGCTGTGAGATGGCCCGACGACGAGATCTGGAT	683
QY	162	ValValGlnIleThrGluAsnSerGlnIleLeuArgMetArgAsnSerSerGlyProCys	181
Db	684	GTTGTTCAAATCACAGAAACACGCGAGAGCTTGACATGGAGAACTCAATGGGCCCTGT	743
QY	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro	201
Db	744	CTCTCAGAGCTCCCTGGTCTCCCTGCACATGTCTGTGCTGTGGAAAGACCTGAAAGACCCC	803
QY	202	ArgValValGlyGlyGlnGlnAlaSerValAspSerTyrProThrGlnValSerIleGln	221
Db	804	CGTGTGTGTGGTGGGAGAGAGCCTGTGTGATTTCTTGGCTTGGCAGGTTCAGATCCAG	863
QY	222	TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla	241
Db	864	TACGACAAACAGACGCTGTGTGAGAGAGAGCTCTGAGACCCCACTGGGTCTCTCACGGCA	923
QY	242	AlaHisCysPheArgLysHisThrAspValPheAsnTyrLysValArgAlaLysSerAsp	261
Db	924	GCCCACTGCTTCAGAAACATACGCATGTGTTCATCTGAAAGAGTGGGAGGAGCTCAAGC	983
QY	262	LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGlnPheAsnPro	281
Db	984	AAATCTGGGAGCTTCCCATCTCCGTGGCTGTGGCCAGATCATCATTAATGAATCAACCC	1043
QY	282	MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer	301
Db	1044	ATGTACCCCAAGAACATGACATCCGCCCTCANTGAAGCTGCAAGTTCACCTCACTTTCAC	1103
QY	302	GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro	321
Db	1104	GGACACGTACGGCCCATCTGTCTGCCCTTTTGATGAGAGACTCATCCAGCCACCCCA	1163
QY	322	LeuThrIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu	341
Db	1164	CTCTGATCATTTGCATGGGCGCTTTACGAAGCAGAAATGGAAGGAAGATCTCGAATATCTG	1223
QY	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln	361
Db	1224	CTGCAGGGGTACGTCCAGTCAATGACAGCAACGGTGCATATGACAGAGATCGCTACAG	1283
QY	362	GlyGlnValThrGlnLysMetMetCysAlaGlyLysProGlnGlyGlyValAspThrCys	381
Db	1284	GGGGAGTCAACGAGAAATATATGTGTGACAGCAACCCCGAAGGGGGTGTGGACACCTGCG	1343
QY	382	GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValValGlyTyrIle	401
Db	1344	CAGGGTACATGTGTGGGCCCTCATGATGACCAATCTGACAGTGGCATGTGTGGGCATC	1403
QY	402	ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer	421

Db	1404	GTATGCTGGGGCTATGCTGCTGGGGGGCCGAGACCCCGAGATATACCAAGGCTTCA	1463
Qy	422	AlaIytrleuamntIplleTyzaenValITpLyalaGlueu	435
Db	1464	GCTTATCTCACTGAGATCTACATGTCTGGAAGGCTGAGCTG	1505
RESULT 181			
US-10-063-565-111			
; Sequence 111, Application US/10063565			
; GENERAL INFORMATION:			
; APPLICANT: Batcon, Dan L.			
; APPLICANT: Falvaroff, Ellen			
; APPLICANT: Geriltsen, Mary E.			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, Christopher J.			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Watanabe, Colin K.			
; APPLICANT: Wood, William I.			
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC			
; FILE REFERENCE: P3230R1C1			
; CURRENT APPLICATION NUMBER: US/10/063,565			
; PRIOR FILING DATE: 2002-05-02			
; NUMBER OF SEQ ID NOS: 170			
; SEQ ID NO 111			
; LENGTH: 2063			
; TYPE: DNA			
; ORGANISM: Homo Sapien			
US-10-063-565-111			
Alignment Scores:			
Pred. No.: 0 Length: 2063			
Score: 2297.50 Matches: 429			
Percent Similarity: 98.85% Conservative: 0			
Best Local Similarity: 98.85% Mismatches: 0			
Query Match: 98.10% Indels: 5			
Dbs: 40 Gaps: 1			
US-10-803-530-2 (1-435) x US-10-063-565-111 (1-2063)			
Qy	2	ASPPRoASPserASpSgInProluAenSerleuASpValIyBProleuArglySProarg	21
Db	219	GATCTGACATGATGATCAACTCTGACAGCCTTGATGTCAAAACCCCTGGCAAAACCCGT	278
Qy	22	IleProMetGluThrPheArgLySValGlyIleProIleIleAlaIeuSerleu	41
Db	279	ATCCCACTGAGACCTTCAGAAAGGTGGGATGCCATCATCATATGACACTGAGCCCTG	338
Qy	42	AlaSerIleIleIleValValValIleuIleValIleuASpLySTyRPhelu	61
Db	339	GCGAGTATCATCATGTGGTGTGCCATCATCAAGTGATTCGATTAATACTACTTCTC	398
Qy	62	CysGlyInPProleuHISpHeIleProArgLySgInIeuCysASpGlyIuIeuASpCys	81
Db	399	TGGCGGAGGCTCTCCACTTCATCCCGAAGAACCACTGTGTGAGCGAGAGCTGACTGT	458
Qy	82	ProleuGlyIuIeuASpGluGluHIScySValIySerPheProGluGlyProAlaValAla	101
Db	459	CCCTTGGGGAGACAGAGAGCACTGTGTCAAGAGCTTCCCGAAGGCTCTGAGTGGCA	518
Qy	102	ValArgIeuSerIyASpASerSerIleuGInValIleuASpSerAlaThrGlyASnTrp	121
Db	519	GTCGGCTCTCCAGAGACCGATTCACACTGCAAGGTGTGAGCTGGCCACAGGGAACCTGG	578
Qy	122	PheSerAlaCysPheASpASnPhethrGluAlaIeuAlaGluThrAlaCysArgIuMet	141
Db	579	TTCTCTGCTGTTTGACAACTTCACAGAGCTCTCGTGAGACAGCTGTAGGCAATG	638
Qy	142	GLITyTyrSerSerIyProThrPheArgAlaValGluIleGlyProASpGInASpIeuASp	161

Db 639 GGTACAGC-----AGAGCTGTGAGATTGGCCAGACCAAGATCTGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetLysAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATACAGAAACAGACGAGGCTTCCAGACCGAATCAAGTGGGCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuThrPro 201
Db 744 CTCTAGGCTCTCTGTCTCTCTGCACTGTCTTGGCTTGGAGAGCTTGAAGACCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CTGTGTGGTGGTGGGAGAGAGGCTCTGTGATTTCTTGAGCTTGGCAAGTCAAGATCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGCAAAACAGCAGCTGTGTGAGGAGCATCTCGAAGCCCACTGGGTCTCTCAAGGCA 923
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTACAGAAACATACCAATGTGTTCACTGAGAGTCCGGCAGGCTCAAGC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
Db 984 AAACCTGGCAGCTTCCATCCCTGCTGTGGCCAGATCATCATTCATTGAATTCACCC 1043
Qy 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGACATCCCTCATGAAGCTGCAAGTCCCACTCTTCCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAsnGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTCTGCTTCTTGTAGAGAGCTCACTCCAGCCACCC 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGCTTTTACAGACGATGAGAGGAGATGTCTACATACG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db 1224 CTGCAAGGCTCAGTCCAGGTCATTCAGACACACGCTGCATGACAGACCATCCGTAACAG 1283
Qy 362 GlyValValThrGluLysMetMetCysAlaGlyIleProGluGlyValAlaAspThrCys 381
Db 1284 GGGGAGAGTCACGGAAGATGATGTGACAGGATCCCGAAGGGGTGTGACACCTGC 1343
Qy 382 GlnGlyAspSerGlyLysProLeuMetTrpGlnSerAspGlnTrpHisValValGlyIle 401
Db 1344 CAGGATGACATGTGTGGGCTCTGATGTACCATCTGACCACTGGCATGTGGGGCATC 1403
Qy 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrLysValSer 421
Db 1404 GTTACTGGGGCTATGGCTGCGGGGGCCGAGACACCCAGAGTATACACCAAGGCTCA 1463
Qy 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
Db 1464 GCTATCTCACTGATCTACATGTCTGAAAGGCTGAGCTG 1505

RESULT 182
US-10-063-566-111
Sequence 111, Application US/10063566
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guiney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,566
CURRENT FILING DATE: 2002-05-02
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-566-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-566-111 (1-2063)

Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCTGACAGTGAATCAACCTTGAACAGCTTCAGATGCAAACTCTGGCAAACTCCGT 278
Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 219 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGCACTAGGCTCG 338
Qy 42 AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTrpThrPheLeu 61
Db 339 GCGAGTATCATCATGTGTGTCTCTCATCAAGGATTCGATGAATTAATTAATTAATTAAT 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLysCysAspGlyGluLeuAspCys 81
Db 399 TCCGGGAGCTCTTCCACTTATCCCGAGAGCAGCTGTGTGACGAGAGCTGAGCTGT 458
Qy 82 ProLeuGlyGluAspGlyGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTTGGGAGAGCAGAGAGCATGTGTCAAGCTTCCCGAAGGGCTGCACTGGCA 518
Qy 519 GTCGCGCTCTCAAGAGCGATCCACATGCACTGCAAGGTGTGACTCGGCCACAGGGAACTGG 578
Db 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTGTGCTGTTCGACAACTTCACAGAACTCTGCTGAGACAGCCGTGAGGCAAGTGG 638
Qy 142 GlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGTACAGC-----AGAGCTGTGAGATTGGCCAGACCAAGATCTGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetLysAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATACAGAAACAGACGAGGCTTCCAGACCGAATCAAGTGGGCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuThrPro 201
Db 744 CTCTAGGCTCTCTGTCTCTCTGCACTGTCTTGGCTTGGAGAGCTTGAAGACCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CTGTGTGGTGGTGGGAGAGAGGCTCTGTGATTTCTTGAGCTTGGCAAGTCAAGATCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGCAAAACAGCAGCTGTGTGAGGAGCATCTCGAAGCCCACTGGGTCTCTCAAGGCA 923
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTACAGAAACATACCAATGTGTTCACTGAGAGTCCGGCAGGCTCAAGC 983

QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAspPro 281
DB 984 AAACCTGGGCAAGCTTCCCAATCCCTGGCTGTGGCCAGATCATCATTAATTCACACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTATCCCAAGACATGACATGCGCTCATGAACTGCGATTCCTCACTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
DB 1104 GGCAAGCTCAGAGCCCATCTGTCTGCTCCCTTTTATGAGGAGCTCATCCAGCCACCCCA 1163
QY 322 LeuThrIleIleGlyTyrTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGGATCATTTGATGTGGGCTTTACAGAGCAGATGAGGAGGATGCTGACATACCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAGGCGTCAGCCAGGTCATTGACAGACACGCGTGCATGCAGATGGCTACAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB 1284 GGGGAATCATCCAGAGATGATGTGTGACAGCATCCCGAGAGGGGTGTGACACCTGCG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGGTACAGGTGTGGGCCCCCTGATGTACCATCTGACAGTGGCATGTGTGGGCTATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1404 GTTAGCTGGGGCTATGCTGTGGGGGCCCGAGACACCCGAGGTATACACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrLysAlaGluLeu 435
DB 1464 GCGTATCTCAACTGATCTACATGCTCTGGAAGCGTAGCTG 1505
RESULT 183
US-10-063-567-111
Sequence 111, Application US/10063567
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Auecin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330P1C1
CURRENT APPLICATION NUMBER: US/10/063,567
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-567-111
Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-567-111 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21

DB 219 GATCTGACAGATGATCAACCTTCAACAGCCTTCATGTCAAAACCCCTGCCAAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyTyrProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCATGAGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATTAAGCTG 338
QY 42 AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB 339 GCGATATCATCATTTGGTGTGTCCTCATCAAGGTGATTCGTGATTAATCTACTTCCCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGluLeuCysAspGlyGluLeuAspCys 81
DB 399 TGGCGGAGCGCTTCCATCTTCATCCAGAGAAACAGCTGTGTACGAGAGCGTGCAGCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTGGGGGAGAGACGAGGAGCATGTGTCAAGAGCTTCCCGAAGGCGCTGCAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLysGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTTCCAAAGACCATCACACTGCAGGTGTGAACTCGGCCACAGGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTGTGCTGTTTGCACAACTTCACAGAAAGCTTCGTGACACAGCTGTAGGCAAGTG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GCGTACAGC-----AGAGCTGTGAGAAATTTGGGCCACAGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnLeuAspMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATATCAGAAACAGCAGAGACTTCGCATGCCAACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAGGCTCCCTGCTGCTCCCTGCATCTGTGCTGTGGAGAAAGCTGAAACCCCC 803
QY 202 ArgValValGlyGlyGluAlaSerValAspSerTrpCysGlnValSerIleGln 221
DB 804 CGGTGTGTGGGTGGGAGAGAGGCGCTGTGTGATTTCTTGACCTTGGCAGGTGACATCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleThrAla 241
DB 864 TACGACAAACAGCAGCTGTGTGAGGAGCATCTGCAGCCCCCATGGCTCTCAGCGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValAlaGlySerAsp 261
DB 924 GCCCATCTCTCAGAGAAACATACCGATGTGTCAACTGTGAAGGTGGCGGAGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAspPro 281
DB 984 AAACCTGGGCAAGCTTCCCAATCCCTGGCTGTGGCCAGATCATCATTAATTCACACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTATCCCAAGACATGACATGCGCTCATGAACTGCGATTCCTCACTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
DB 1104 GGCAAGCTCAGAGCCCATCTGTCTGCTCCCTTTTATGAGGAGCTCATCCAGCCACCCCA 1163
QY 322 LeuThrIleIleGlyTyrTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGGATCATTTGATGTGGGCTTTACAGAGCAGATGAGGAGGATGCTGACATACCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAGGCGTCATCTCAGATCTTGCACAGACACGCGTGCATGCAGATGGCTACAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381

Db 1284 GGGAGATCAGCAGAGATGATGTGACGACATCCCGAAGGGGTGTGGACACCTGC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTPrHIsValValGlyIle 401
Db 1344 CAGGATGACAGTGGGGCCCCCTGATGTACCAATGTGACAGTGGACATGTGGTGGCATC 1403
Qy 402 ValSerTPrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIysValSer 421
Db 1404 GTTACCTGGGGCTATGCTGCGGGGGCCCGAGACCCCGAGATATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTPrIleTyrAsnValTPrIysAlaGluLeu 435
Db 1464 GCTTATCTCACTGATCTTCAATGTCTGAAAGCTGAGCTG 1505

RESULT 184
US-10-063-568-111
; Sequence 111, Application US/10063568
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matenabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; ACIDS ENCODING THE SAME
; CURRENT APPLICATION NUMBER: US/10/063,568
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-568-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-568-111 (1-2063)

Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArg 21
Db 219 GATCTCGACAGTGAACCTCTGAAACAGCTCGAATGCAAAACCCCTGGCAACCCCTG 278
Qy 22 IleProMetGlnThrPheArgGlyValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 279 ATCCCCATGTGAACCTCTGAAAGGGGGATCCCCATCATCATGACCTACTGAGCTGG 338
Qy 42 AlaSerIleIleIleValValValLeuIleValIleLeuAspIysTyrPheLeu 61
Db 339 GCGAGTATATCATTTGTGTGTCTCTCATCAAGTCATTTCTGATTAATACCTTCTTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgGlyGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TCGGGGACAGCTCTCCACTTCATCCCGAAGAGCAGCTGTGTGACCGAGAGCTGAGCTGT 458
Qy 82 ProLeuGlyGluAspGlnGluHisCysValIysSerPheProGlnGlyProAlaValAla 101
Db 459 CCGTTGGGGAGAGACAGAGACCTGTGTCTCAAGAGCTTCCCGAAGGGGCTGCAGTGGCA 518
Qy 102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTPr 121
Db 519 GTTCGCGCTCTCCAAAGACCGATCCACATGCAAGGTGCTGAGCTCGGCCCAAGGAACTGG 578

Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTCTTTCGACAACTTTCAGAGAGCTCTCGGTGAGACAGCTGTAGGCAATG 638
Qy 142 GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATGTGGCCCAAGCAGAGATCTGTGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetCysAsnSerSerGlyProCys 181
Db 684 GTTGTGAATCAGAGAAACAGCCAGAGGCTTGCAATGCCAACTCAAGTGGGCTGTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThrPro 201
Db 744 CTCTCAGGCTCTCCGTGTCTCTGCACTGTCTTGCGTGTGGAGAGAGCTTGAAGACCCCC 803
Qy 202 ArgValValGlyGlyGluAlaSerValAspSerTPrProTPrGlnValSerIleGln 221
Db 804 CGTGTGGTGGGTGGAGAGAGGCTCTGTGTGATTTCTTGGCCCTTGGCAGTCAAGATCCAG 863
Qy 222 TyrAspIysGlnHisValCysGlyGlySerIleLeuAspProHisTPrValLeuThrAla 241
Db 864 TACGACAAACAGCAGCTGTGTGAGAGGACATCCGAGACCCCACTGGGCTCTCAAGGCA 923
Qy 242 AlaHisCysPheArgIysHisThrAspValPheAsnTPrIysValArgAlaGlySerAsp 261
Db 924 GCCACCTCTTCAGAGAAACATACGATGTGTTCATCTGAAGAGTGGCGGAGGCTCAAGC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleGluPheAsnPro 281
Db 984 AAACGTGGCAGCTTCCATCCCTGCTGGTGGCCAAAGATCATCATTAATTCAAACCC 1043
Qy 282 MetTyrProIysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGCAATAGACATGCGCTCATGAGCGCAGTTCCTCACTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAAGGCCCATTTGTCTGCTCTTCTTGTATGAGAGCTCATCTCAGCCACCCA 1163
Qy 322 LeuTPrIleIleGlyTPrGlyPheThrIysGlnAsnGlyIysLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGGCTTTTACAGACGAATGAGAGGAGATGTCTGACATACTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAGGGGTCACTCCAGGTCAATGACAGCACGCTGCATATGACAGAGATGCTTACAG 1283
Qy 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381
Db 1284 GGGAGATCAGCAGAGATGATGTGTGACAGCATCCCGAAGGGGGGTGTGGACACCTGC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTPrHIsValValGlyIle 401
Db 1344 CAGGATGACAGTGGGGCCCCCTGATGTACCAATGTGACAGTGGACATGTGGTGGCATC 1403
Qy 402 ValSerTPrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIysValSer 421
Db 1404 GTTACCTGGGGCTATGCTGCGGGGGCCCGAGACCCCGAGATATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTPrIleTyrAsnValTPrIysAlaGluLeu 435
Db 1464 GCTTATCTCACTGATCTTCAATGTCTGAAAGCTGAGCTG 1505

RESULT 185
US-10-063-569-111
; Sequence 111, Application US/10063569
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

/ APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Matanabe, Colin K.
 / APPLICANT: Wood, William I.
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 / FILE REFERENCE: P3230R1C1
 / CURRENT FILING DATE: 2002-05-02
 / PRIOR APPLICATION NUMBER: US/10/063,569
 / NUMBER OF SEQ ID NOS: 170
 / SEQ ID NO 111
 / LENGTH: 2063
 / TYPE: DNA
 / ORGANISM: Homo Sapien
 / US-10-063-569-111

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-569-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 Db 219 GATCCGACGATGATCAACCTCTGAAACGCTCGAGTAAACCCCTGGCAAAACCCCGT 278
 QY 22 LLeProMetGluThrPheArgLysValGlyLeuProLeuLeuLeuLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGTGGGATGCCCATGATATAGCACTAGAGCTTG 338
 QY 42 AlaSerLeuLeuLeuValValValLeuLeuLeuValLeuAspLysTrpPheLeu 61
 Db 339 GCGAGTATATCATGTGTGTCTCTCAACAGGATCTGGATAAATACTACTTCTC 398
 QY 62 CysGlyGlnProLeuHisPheLeuProArgLysGlnLeuGlyAspGlyGlnLeuAspCys 81
 Db 399 TCCGGGCGAGCTCTCACTTCACTCCGAGAGAGAGCTGTGTGACGGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGlnAspGlyGlnHisCysValLysSerPheProGlyGlyProAlaValAla 101
 Db 459 CCTTGGGGAGAGACGAGAGCACTGTCAAGAGCTTCCCGAAGGCGCTGCGAGTGGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCTCTCCAGAGACCCGATCCACACTGCAAGGTGCTGAGCTGGCCACAGGGAACCTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCCTGCTGTTCGCAACTTCACAGAACTCTCCCTGAGACAGCTGTAGGCGAGT 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluLeuLeuGlyProAspGlnAspLeuAsp 161
 Db 639 GGCCTACAGC-----AGAGCTGTGAGATTGGCCACAGCTGAGTCTGAGT 683
 QY 162 ValValGluLeuThrGlnAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTCTTAATAATCAAGAAACAGCAGAGAGTTCGATGCGAATCTCAAGTGGGCCCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysTrpPro 201
 Db 744 CTCTCAAGGCTCCGCTGCTCTGCACTGTCTGCTGGAGAAAGCCGTAAGACCC 803
 QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProGlnValSerLeuGln 221
 Db 804 CGTGTGGTGGTGGGAGAGAGGCTCTGTGATTTCTTGGCTTGGAGGTCGACATCCAG 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerLeuAspProHisTrpValLeuThrAla 241

Db 864 TACGCAAAACAGCAGCTGTGGAGAGAGCACTCTGAGACCCCACTGGTCTTCACGGCA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 924 GCCCACTGCTTCAGAAACATACCGATGTGTCACTGGAAGGTGGCGAGGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysLeuLeuLeuLeuPheAsnPro 281
 Db 984 AACTGGGAGCTTCCATCCCTGGCTGTGGCCAAAGATCATCATTTCAATTCACCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAAAGACATGATCGCCCTCATAGAGCTGAGTCCCACTCACTTCTTA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
 Db 1104 GGCAGCTCAGGCCCATCTGTCTGCCCTTCTTGTATGAGAGCTCACTCAACCCCA 1163
 QY 322 LeuTrpIleLeuGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGATCATTTGGATGGGCTTTACGAGACGAAATGGAGGAGATGTCTGAACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
 Db 1224 CTGACGCGCTCAGCTCCAGATTCATTCAGACACACGCTGCAATGACAGATGCTACAG 1283
 QY 362 GlyValValThrGlnLysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381
 Db 1284 GGGAGATCACCGAAGATGATGTGTGAGGACATCCGGAAGGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyLe 401
 Db 1344 CAGGTGACAGATGTGGGCTTGTATGATCAATTCAGACATGTCAGTGTGTGGCATTC 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValValTrpLysValSer 421
 Db 1404 GTTAGTGGGCTATGTGGCTGCGGGGGCCCGAGCACCCGAGAGATACACCAAGTCTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 Db 1464 GCCTATCTCACTGATCATCATATCTCGAAGGCTGAGCTG 1505

RESULT 186
 US-10-063-570-111
 / Sequence 111, Application US/10063570
 / GENERAL INFORMATION:
 / APPLICANT: Baton, Dan L.
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Matanabe, Colin K.
 / APPLICANT: Wood, William I.
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 / FILE REFERENCE: P3230R1C1
 / CURRENT APPLICATION NUMBER: US/10/063,570
 / PRIOR APPLICATION NUMBER: 2002-05-02
 / NUMBER OF SEQ ID NOS: 170
 / SEQ ID NO 111
 / LENGTH: 2063
 / TYPE: DNA
 / ORGANISM: Homo Sapien
 / US-10-063-570-111

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0

Best Local Similarity:	98.85%	Mismatches:	0
Query Match:	98.10%	Indels:	5
DB:	40	Gaps:	1

US-10-803-530-2 (1-435) x US-10-063-570-111 (1-2063)

[illegible]

QY	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAlaTyrGln	361
QY <td>1224</td> <td>CTGACGGCGTCAAGTCCAGGTCAATGACACACACGGTGCATGACAGACGATCGTACACG</td> <td>1283</td>	1224	CTGACGGCGTCAAGTCCAGGTCAATGACACACACGGTGCATGACAGACGATCGTACACG	1283
QY <td>362</td> <td>GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys</td> <td>381</td>	362	GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys	381
Db <td>1284</td> <td>GCGGACAGTCAACCGAAGATGATGTGTGCAGGCATCCCGAAGGGGGTGTGCACCTGTC</td> <td>1343</td>	1284	GCGGACAGTCAACCGAAGATGATGTGTGCAGGCATCCCGAAGGGGGTGTGCACCTGTC	1343
QY <td>382</td> <td>GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValValGlyIle</td> <td>401</td>	382	GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValValGlyIle	401
Db <td>1344</td> <td>CAGGTGACACATGGTGGGCCCTCTGATATGCCAATGTGACACAGTGGCAATGTGTGGGCATC</td> <td>1403</td>	1344	CAGGTGACACATGGTGGGCCCTCTGATATGCCAATGTGACACAGTGGCAATGTGTGGGCATC	1403
QY <td>402</td> <td>ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrItyValSer</td> <td>421</td>	402	ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrItyValSer	421
Db <td>1404</td> <td>GTTAGCTGGGGCTATAGCTGGCGGGGCCCGACACCCACGAGATATACACCAAGGTCTCA</td> <td>1466</td>	1404	GTTAGCTGGGGCTATAGCTGGCGGGGCCCGACACCCACGAGATATACACCAAGGTCTCA	1466
QY <td>422</td> <td>AlaTyrLeuAsnTyrPheTyrAsnValTyrPylsAlaGluLeu</td> <td>435</td>	422	AlaTyrLeuAsnTyrPheTyrAsnValTyrPylsAlaGluLeu	435
Db <td>1464</td> <td>GCCATCTCAACTGGATCTACAAATGTCTGGAAGCGTGAAGCTG</td> <td>1505</td>	1464	GCCATCTCAACTGGATCTACAAATGTCTGGAAGCGTGAAGCTG	1505

RESULT 187

US-10-063-577-111
; Sequence 111, Application US/10063577

GENERAL INFORMATION:

APPLICANT: Eaton, Dan L.

APPLICANT: Filvaroff, Ellen

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christop

APPLICANT: Gurney, Austin L.

APPLICANT: Watanabe, Colin K.

APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED
; TITLE OF INVENTION: ACIDS AND ESTERS OF

FILE REFERENCE: B3230B1C1

FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063.577

CURRENT FILING DATE: 2002-05-03

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 170

; SEQ ID NO 111

LENGTH: 2063

! TYPE: DNA

ORGANISM: Homo Sapien

US-10-063-577-11.

Alignment Scores

Height: 2063	0
Pred. No.:	0
Height: 2063	0

Score: 2297.50

Percent Similarity: 98.85%

Best Local Similarity: 98.85%

Query Match: 98.10%

DB: 40

MS-10-803-530-2 (1-435) x MS-10-063-577-111 (1-2063)

QY	2	ASP	PRO	ASP	SER	ASP	GLN	PRO	LEU	ASN	SER	LEU	ASP	VAL	LYS	PRO	LEU	ARG	21	
Db	219	GAT	CTT	GCA	AGT	GAA	CTT	GCA	ACC	CTT	GAG	TAA	ACC	CTT	GCG	GAA	ACCC	CGT	278	
QY	22	ILE	PROM	ET	GLN	THR	PHE	ARG	LYS	VAL	GIL	ILE	PRO	ILE	ILE	LEU	ASN	SER	LEU	41
Db	219	ATC	CCA	TGG	GAG	ACTT	CAG	AAG	GTT	GGG	GAT	CCC	AT	CAT	TAT	TAC	CA	CTG	338	
QY	42	ALA	SER	ILE	ILE	VAL	VAL	LEU	ILE	LYS	VAL	ILE	LEU	ASP	LYS	TYR	TYR	PHE	LEU	61
Db	339	GCG	AT	AT	CAT	CAT	ATG	TGG	CTT	CTC	TCA	CAA	GCG	TAT	CTG	TAA	AAC	TAC	CTT	398
QY	62	CYS	GIL	GLN	PRO	LEU	ASP	HE	ASP	HE	ASP	HE	ASP	GLN	LEU	CYS	ASP	GL	YU	81
Db	399	TGC	GCG	ACG	CTT	CTC	ACTT	CA	TCC	GAG	AAG	ACG	ACT	GTG	TAC	CGA	AGC	TGG	ACT	458

QY 82 ProLeuGlyGluAAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla 101
Db 459 CCCTTGGGGGAGGACGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCCCTGCAGTGGCA 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCCAAGAGACCGATCCACTCGAGGTGTGTGACTCGGCCACAGGAATCTGG 578
QY 122 PheSerIaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCCTGCTGTGTTCGACCACTTCACAGAACTCTCGCTGAGACAGCTGTAGCGAGATG 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCCAACAGACGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerGlyProCys 181
Db 684 GTTGTGAATTCACAGAAAACAGCCAGAGCTTCGATGGGAAGCTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuIysThrPro 201
Db 744 CTCTCAGGCTCCCTGATCTCCCTGCACCTGTCTTGGCTGTGGAGAGCTGAAGACCCCC 803
QY 202 ArgValValGlyGlyGluGluIaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGAGGAGGCTCTGTGATTTCTTGACCTTGGAGGTCCAGATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValIleuThrAla 241
Db 864 TACGACAAACAGACCTGTGTGAGGAGCATCTGCAGCCCACTCGGTCTCTCAGGCA 923
QY 242 AlaHisCysPheArgIleHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCAGCTGTTCAGGAACATACCAATGTGTTCACATGGAAGTCCGGGCGAGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 984 AAACCTGGGAGCTTCCCATCCCTGTGCTGTGGCCAGAACATCATATTAATTCACACCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAAATGACATCCCTCATGAAGCTGCAGATCCCATCTTCAT 1103
QY 302 GlyThrValAspProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCAAGTCAAGGCCCATCTGTCTGCCCTTCTTGTATGAGAGCTCACCTCCAGCCACCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGGCTTTTACGAAGCAGATGAGGAAAGATGTCTGACATCTG 1223
QY 342 LeuGlnIaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGGGTAGTCAAGCTCATTTGACGACACAGGTGCATATGACAGATGCGTACAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAlaAspThrCys 381
Db 1284 GGGGAAGTCAACGAGAAATGATGTGTGACAGCATCCCGGAAGGGGTGTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
Db 1344 CAGGGTGAAGTGTGGGGCCCTGATGTACCAATCTGACAGTGTGATGTGTGGGCAATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrLysValSer 421
Db 1404 GTTAGCTGGGGCTATATGCTGGGGGGCCGACGCCACAGAGTATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1464 GGCATCTCAACTGATCTTACAAATGTGTGAGAGGTGAGCTG 1505
RESULT 188

US-10-063-578-111
; Sequence 111, Application US/10063578
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P323081C1
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-578-111

Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-578-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCCTGAGACGATGATCACTCTGAACAGCTCGATGTCAAAACCCCTGGGAAACCCCTG 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGAACTTTCAGAAAGGTGGGAGTCCCATCATCATATGACACTGAGCCTG 338
QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
Db 339 GCGAGTATCATATTGTGGTGTCTCTCATCAAGGATTTCTGATTAATCTACTTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TCGGGAGACCTTCCACTTCATCCCGAAGAGCTGTGTGACGAGAGCTGACTGACTGT 458
QY 82 ProLeuGlyGluAAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla 101
Db 459 CCCTTGGGGGAGGACGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCCCTGCAGTGGCA 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCCAAGAGACCGATCCACTCGAGGTGTGTGACTCGGCCACAGGAATCTGG 578
QY 122 PheSerIaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCCTGCTGTGTTCGACCACTTCACAGAACTCTCGCTGAGACAGCTGTAGCGAGATG 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCCAACAGACGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerGlyProCys 181
Db 684 GTTGTGAATTCACAGAAAACAGCCAGAGCTTCGATGGGAAGCTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuIysThrPro 201

QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
 |||||
 Db 1104 GGCAAGTCAAGCCCATCTGTGCTCTTGTATAGAGACTCATCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrGlyGlnAsnGlyGlyAspMetSerAspIleLeu 341
 |||||
 Db 1164 CTCTGATCATTTGGATGGGCTTTACAGAACAGATGAGAGGAGATGTCATGACTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
 |||||
 Db 1224 CTGACGGCTCAAGTCCAGGCTCATTTGACAGACACGGGTGACATGCAACGATGGTCCAG 1283
 QY 362 GlyValValThrGluIleMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 |||||
 Db 1284 GGGGAAGTCAACCAAGATGATGTGTGAGGATCCCGAAGGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValValGlyIle 401
 |||||
 Db 1344 CAGGGTGACAGTGTGGGCCCCCTGATGTACCAATCTGACCAAGTGGATGTGGGCATC 1403
 QY 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrIleValSer 421
 |||||
 Db 1404 GTTAGCTGGGGCTATGCTGCGGGGGCCGAGACACCCGAGATATACACCAAGGCTTCA 1463
 QY 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpIleAspAlaGluLeu 435
 |||||
 Db 1464 GCGTATCTCAAGTCAAGTCTACAAATGTCTGAAAGCGTGAAGCTG 1505
 RESULT 190
 US-10-063-580-111
 / Sequence 111, Application US/10063580
 / GENERAL INFORMATION:
 / APPLICANT: Eaton, Dan L.
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Geritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Watanabe, Colin K.
 / APPLICANT: Wood, William I.
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 / TITLE OF INVENTION: ACTIDS ENCODING THE SAME
 / FILE REFERENCE: P3230R1C1
 / CURRENT APPLICATION NUMBER: US/10/063,580
 / CURRENT FILING DATE: 2002-05-03
 / PRIOR APPLICATION NUMBER: 60/063435
 / PRIOR FILING DATE: 1997-10-29
 / PRIOR APPLICATION NUMBER: 60/064215
 / PRIOR FILING DATE: 1997-10-29
 / PRIOR APPLICATION NUMBER: 60/082797
 / PRIOR FILING DATE: 1998-04-22
 / PRIOR APPLICATION NUMBER: 60/083495
 / PRIOR FILING DATE: 1998-04-29
 / PRIOR APPLICATION NUMBER: 60/085579
 / PRIOR FILING DATE: 1998-05-15
 / PRIOR APPLICATION NUMBER: 60/087759
 / PRIOR FILING DATE: 1998-06-02
 / PRIOR APPLICATION NUMBER: 60/088021
 / PRIOR FILING DATE: 1998-06-04
 / PRIOR APPLICATION NUMBER: 60/088029
 / PRIOR FILING DATE: 1998-06-04
 / PRIOR APPLICATION NUMBER: 60/088030
 / PRIOR FILING DATE: 1998-06-04
 / PRIOR APPLICATION NUMBER: 60/088734
 / Remaining Prior Application data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 170
 / SEQ ID NO 111
 / LENGTH: 2063
 / TYPE: DNA
 / ORGANISM: Homo Sapien
 US-10-063-580-111

Alignment Scores:
 Pred. No.: 0
 Score: 2297.50
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-063-580-111 (1-2063)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgIleProArg 21
 |||||
 Db 219 GATCCTGACAGTATCAACTCTGAACAGGCTGATCAAACTCTGCGCAACCCGT 278
 QY 22 IleProMetGluThrPheAspGlyValGlyIleProIleIleAlaLeuSerLeu 41
 |||||
 Db 279 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACATGACATGAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleIleValIleuAspIleTrpThrLeu 61
 |||||
 Db 339 GCGAGTATCATATTGTGTCTCTCATCAAGATATTCGATTAATAATTAATCTTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgIleGlnLeuCysAspGlyGluLeuAspCys 81
 |||||
 Db 399 TGGGGGAGCTCTCTCACTTCATCCCGAAGAGAGAGCTGTGTGACGAGAGCTGAGCTGT 458
 QY 82 ProLeuGlyGluAspGluGluHisCysValIleSerPheProGluGlyProAlaValAla 101
 |||||
 Db 459 CCTTGGGGAGGACAGAGAGACTGTGTCAAGCTTCCCGAAGGGGCTGCACTGAGCA 518
 QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 |||||
 Db 519 GTCCGCTCTCCAGAGACCGATCCACACTGACGAGTGGTGAATCCGCGACAGGAACTCG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 |||||
 Db 579 TTCTGTGCTGTGTGACAACTTCACAGAAAGCTTCGCTGAGACAGCTGTAGGAGATG 638
 QY 142 GlyTrpSerSerIleProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 |||||
 Db 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCAGACAGCAAGATCTGGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 |||||
 Db 684 GTTGTGTAATCAAGAAACAGCAGAGAGCTTGCAATGGGAATCAAGTGGGCTCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIleSerLeuIleThrPro 201
 |||||
 Db 744 CTCTAGAGCTCCCTGTGTCTCTGACATGTCTGCTGTGGGAAGAGCTGAAAGACCCCC 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
 |||||
 Db 804 CGTGTGGTGGGTGGGAGAGAGGCTCTGTGATCTTGGCTTGGAGGTGAGCATCAG 863
 QY 222 TyrAspIleGlnHisValCysGlyIleSerIleLeuAspProHisTrpValIleuThrAla 241
 |||||
 Db 864 TACGACAAACAGACGCTGTGGAGGAGCATCTGAGACCCCACTGGGTCTTCAGCGCA 923
 QY 242 AlaHisCysPheArgIleHisThrAspValPheAsnTrpIleValAlaGluIleSerAsp 261
 |||||
 Db 924 GCCCACTGCTTCAGGAACATACCATGATGTTCAACTGGAAGGTGGCGGAGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAspPro 281
 |||||
 Db 984 AAACCTGGAGACTTCCCATCCCTGCTGTGGCCAAAGTATCATCATTAATTCAACCCC 1043
 QY 282 MetTrpProIleAspAsnAspIleAlaLeuMetIleLeuGlnPheProLeuThrPheSer 301
 |||||
 Db 1044 ATGTACCCCAAGCAATGACATCGCCCTCATAGAGTGCAGTTCACACTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
 |||||

Db 1104 GGCAAGTCAGAGCCCATCTGTCTGCTTTTGTATGAGAGCTACCTCAGACCCCA 1163
Qy 322 LeuTrpIleIleGlyTyrGlyPheThrIysGlnAsnGlyGlyIysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGGCTTTTACGAAAGATGAGGAAAGATCTTGAACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGGGTGATGCTCAGGTCAATGACAGCACGGTCAATGACAGAGAGCGTACAG 1283
Qy 362 GlyIleValThrGlnIysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381
Db 1284 GGGGAAGTCACCGAAGATGATGTGTGACAGCATCCGGAAAGGGGTGTGGACACTGC 1343
Qy 382 GlnGlyAspSerGlyGlyProleuMetTyrGlnSerAspGlnTyrPheIleValGlyIle 401
Db 1344 CAGGGTGACATGGGGGCGCCCTGATGTACCAATGTGACAGATGATGTGTGGGCTC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyIysProSerThrProGlyValTyrThrIysValSer 421
Db 1404 GTTAGCTGGGCTATGTGCTGGGGGCGCCGAGACCCCGAGATATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrIysAlaGlnLeu 435
Db 1464 GCCTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505
RESULT 191
US-10-063-581-111
Sequence 111, Application US/10063581
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvarioff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Auecin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,581
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-581-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-581-111 (1-2063)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
Db 219 GATCTGACAGATGATCACTCTGAAACAGCTGATGCAAAACCCCTGGCGCAAAACCCCT 278
Qy 22 IleProMetGlnThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCTCCATGAGACCTTCAAGAAAGGTGGGATCCCATCATCTACATCACTACAGCTG 338
Qy 42 AlaSerIleIleIleValIleValIleLeuIleIysValIleLeuAspIysTyrTyrPheLeu 61
Db 339 GCGAGTATCATCTGTGTGTCTTCATCAAGGATCTTGTGATTAATATCACTCTTC 398

Qy 62 CysGlyIleProLeuHisPheIleProArgIysGlnLeuCysAspGlyGlnLeuAspCys 81
Db 399 TGGCGGAGAGCTCTCCACTTCATCTCCAGAGAGAGAGCTGTGTGACGAGAGCTGACTGT 458
Qy 82 ProLeuGlyIleAspGlnGlnHisCysValIysSerPheProGlnGlyProAlaValAla 101
Db 459 CCTTGGGGGAGAGCAGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCCCTGAGTGGCA 518
Qy 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAspThr 121
Db 519 GTCCGCTCTCCAGAGAGCCAGTCCACTGAGGTGTGAGCTGGCCACAGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnTrrAlaCysArgGlnMet 141
Db 579 TTCCTGCTCTTTCGACACTTACACAGAGCTCTCGTGAGACAGCTGTAGAGCAAGTG 638
Qy 142 GlyTyrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCAGACACAGATCTGGAT 683
Qy 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCAGAGAAACAGAGAGAGGCTGTGCATGCGAACTCAAGTGGGCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThrPro 201
Db 744 CTCTAGGCTCTCTGTGTCTCTGCTGACCTGTCTTGTGCTGTGGAAAGGCTGAAGACCCC 803
Qy 202 ArgValValGlyGlyGlnAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
Db 804 CGTGTGGTGGGGGAGAGAGGCTCTGTGATTTCTTGCTGTGGCAGGTGAGCATTCAG 863
Qy 222 TyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTyrValLeuThrAla 241
Db 864 TACGCAAAACAGACAGTCTGTGAGAGGAGCATCTGAGACCCCACTGGGTCTCTCAAGCA 923
Qy 242 AlaHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
Db 924 GCCCATCTCTTCAAGAAACATACCATGTGTTCATCTGAAAGTGGCGGAGGCTCAAGC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleGlnPheAsnPro 281
Db 984 AAACGGGACAGCTTCCATCTCTGTGTGGCAAGATCATCATGATTAATTCACCCC 1043
Qy 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAACATGATGATGCTCCCTCATGAGCTGCAAGTTCCTCACTCTTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlnIleuThrProAlaThrPro 321
Db 1104 GGCAAGTCAGAGCCCATGTGTGCTCTTTGTATGAGAGCTACCTACCCACCCCA 1163
Qy 322 LeuTrpIleIleGlyTyrGlyPheThrIysGlnAsnGlyGlyIysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGCTTTTACGAAAGATGAGGAAAGATGTCTGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGGGTGATGCTCAGGTCAATGACAGCACCGTCAATGACAGATGATCGTACAG 1283
Qy 362 GlyIleValThrGlnIysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381
Db 1284 GGGGAAGTCACCGAAGATGATGTGTGACAGCATCCGGAAAGGGGTGTGGACACTGC 1343
Qy 382 GlnGlyAspSerGlyGlyProleuMetTyrGlnSerAspGlnTyrPheIleValGlyIle 401
Db 1344 CAGGGTGACATGGGGGCGCCCTGATGTACCAATGTGACAGATGATGTGTGGGCTC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyIysProSerThrProGlyValTyrThrIysValSer 421
Db 1404 GTTAGCTGGGCTATGTGCTGGGGGCGCCGAGACCCCGAGATATACCAAGGTCTCA 1463

Oy	282	MctYrProlysaAspaAnaerlialaleumctylsleuglnpneProleuThrPheSer	301
Db	1044	ATGTAACCCCAAGACAAATGACATGCGCCCTCATGAAGCTGCAGTTCCTCACTTCTCA	1107
Oy	302	G1YthrValAlrGProileCyaleuProPhePheAspIugIuLeuThrProAlaThrPro	321
Db	1104	GGCAAGCTGAGGCCCATCTGTCTCCCTCTTTGATGAGGAGCTCATTCCAGCCACCCCA	1167
Oy	322	LeuTrpIleIleglYTrpGlyPheThrLysGlnAsnglyGlyLysMetSerAspIleLeu	341
Db	1164	CTCTGATCATATGATGGGGCTTTTACGAAGACAATGGAAGGAAGATGTCTGACATACTG	1227
Oy	342	LeuGlnIleAserValGlnValIleAspSerThrArgCysAsnAlaAspAlaTrpGln	361
Db	1224	CTGAGGGGGTGAATGTCACAGTATTGACAGCACAGGTGCATGACAGATCCGTAACAG	1287
Oy	362	G1YgluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys	381
Db	1284	GGGGAAGTCAACCGAAGAATGATGTGTCAAGCATCCCGGAAGGGGGTGTGACACTGCG	1347
Oy	382	GlnGlyAspSerGlyGlyProleuMetLysGlnSerAspGlnTrpHisValAlaGlyIle	401
Db	1344	CAGGTGTACATGTGTGGGCGCCCTGATGTAACAAATGTACACAGTGCAGATGTGTGGCATC	1407
Oy	402	ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrLysValSer	421
Db	1404	GTTAGCTGGGGCTATGCTGCGGGGGCCCGAGCACCCCAAGAGTATTACCAACCAAGGTCTCA	1467
Oy	422	AlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu	435
Db	1464	GCTTATCTCAACTGGATCTTACAAATGTCTGAAGGCTGAGCTG	1505
RESULT 194			
US-10-063-584-111			
; Sequence 111, Application US/10063584			
; GENERAL INFORMATION:			
; APPLICANT: Eaton, Dan L.			
; APPLICANT: Filvaroff, Ellen			
; APPLICANT: Gerritsen, Mary E.			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, Christopher J.			
; APPLICANT: Gurney, Austin J.			
; APPLICANT: Matanabe, Colin K.			
; APPLICANT: Wood, William I.			
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC			
; TITLE OF INVENTION: ACIDS ENCODING THE SAME			
; FILE REFERENCE: P3230R1C1			
; CURRENT APPLICATION NUMBER: US/10/063,584			
; CURRENT FILING DATE: 2002-05-03			
; Prior Application removed - See File Wrapper or Palm			
; NUMBER OF SEQ ID NOS: 170			
; SEQ ID NO 111			
; LENGTH: 2063			
; TYPE: DNA			
; ORGANISM: Homo Sapien			
US-10-063-584-111			
Alignment Scores:			
Pred. No.: 0 Length: 2063			
Score: 2297.50 Matches: 429			
Percent Similarity: 98.85% Conservative: 0			
Best Local Similarity: 98.85% Mismatches: 5			
Query Match: 98.10% Indels: 5			
DB: 40 Gaps: 1			
US-10-803-530-2 (1-435) x US-10-063-584-111 (1-2063)			
Oy	2	AspProAspSerAspGlnProleuAsnSerLeuAspValLysProleuArgLysProArg	21
Db	219	GATCTCTGACAGTGAATCAACCTCTGAACAGGCTCGATGTCAAAACCCCTGGCAAAACCCCGT	278

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QY 11ePromeGluThrPheArgLyValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCAATGAGAGACTTCAAGAAAGGTGGAGATCCCATCATCATAGCACTAGAGCTG 338
QY 42 AlaserIleIleIleValIleValIleValIleLeuAspLyThrTrpPheLeu 61
Db 339 GCGAGTATCATCATGTGGTGTGTCTCATCAAGTGAATTCGATTAATATCTACTTCTCT 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLyGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGGGGAGGCTCTCCACTTCATCTCCAGAGAGCAAGCTGTGACGGAAGAGCTGACTGT 458
QY 82 ProLeuGlyGluAspGlyGluHisCysValIleSerPheProGlyIleProAlaValAla 101
Db 459 CCCTTGGGGGAGAGCAAGAGCACTGTGTCAAGAGCTTCCCAAGAGGCTGCAAGTGGCA 518
QY 102 ValArgLeuSerLyAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGGACCGATCCACCTGCAAGTCTGGACCTGGCCACAGGAACCTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTCTGTTCGACACTTCACAGAGCTCTGCTGACAGACCTGTAGGCAAGATG 638
QY 142 GlyTrpSerSerLyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AAGCTGTGGAGATTTGGCCCAAGCCAGCATCTGAT 683
QY 162 ValValGluIleLeuThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATATCACAAAAACAGCCAGAGCTTCGATCGGACCTCAAGTGGGCTCGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySerLeuLyThrPro 201
Db 744 CTCTCAAGGCTCTCCGTGTCTCCCTGCACTGTCTGTGGTGGAGAAAGCTTGAAGCCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGTGGTGGAGAGAGGCTCTGTGATTTCTTGGCTTGGCAAGTCAAGATCCAG 863
QY 222 TyrAspLyGlnHisValCysGlyLySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAACACAGCTGTGTGAGAGGAGCATCCGACCCCACTGGGTCTCAACGCGCA 923
QY 242 AlaHisCysPheArgLyHisThrAspValPheAsnTrpLyValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAAACATACCATGTGTTCATCTGAAGGTGGCGGCGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLyIleIleIleGluPheAsnPro 281
Db 984 AAACGTGGGACGCTTCCCATCCCTGGCTGTGGCCAAAGATCATCATATTGAATTCACCCC 1043
QY 282 MetTrpProLyAspAsnAspIleAlaLeuMetLySLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATGATGCGCTCATGAGAGCTGCAAGTCCACACTTCTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlyGluLeuThrProAlaTrpPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTCTGCCCTTCTTGTATGAGAGGCTCACTCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLySLeuAsnGlyLyLyMetSerAspIleLeu 341
Db 1164 CTCTGAGATCATGTGATGGGTGTTTACAGACAGATGAGAGGAATGTCTGACATATCG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db 1224 CTGCAAGCGTCAGTCAGTCATTTGACAGACACGGTGATCATCAACATGCTGATACAG 1283
QY 362 GlyGlyValIleThrGlyLyMetMetCysAlaGlyIleProGlyGlyGlyValAspThrCys 381
Db 1284 GGGGAAATCAACCAAGATGATGTGTGACGACATCCCGGAAGGGGTGTGACACACTGG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValValGlyIle 401

Db 1344 CAGGTGACAGTGTGGGCTCCCTATGATACCAATCTACAGAGTGGCATGTGGGGCATC 1403
QY 402 ValSerTrpGlyTrpGlyCysGlyLyProSerThrProGlyValTrpThrLyValSer 421
Db 1404 GTTAGCTGGGCTATGCTGTGGGGGCGGAGACCCCAAGAGATATACCAAGTCTCA 1463
QY 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpLyAlaGluLeu 435
Db 1464 GCTATCTCAACTGATATCTCAATGTCTGAAAGCTGAGCTG 1505

RESULT 195
US-10-063-585-111
; Sequence 111, Application us/10063585
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P323OR1C1
; CURRENT APPLICATION NUMBER: US/10/063,585
; PRIORITY FILING DATE: 2002-05-03
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-585-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-585-111 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLySProLeuArgLySProArg 21
Db 219 GATCTGACAGTGAATCACTCTGAACAGCTCGATGTCAAAACCTGGCCAAACCCCGT 278
QY 22 11ePromeGluThrPheArgLyValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCAATGAGAGACTTCAAGAAAGGTGGAGATCCCATCATCATAGCACTAGAGCTG 338
QY 42 AlaserIleIleIleValIleValIleValIleLeuAspLyThrTrpPheLeu 61
Db 339 GCGAGTATCATCATGTGGTGTGTCTCATCAAGTGAATTCGATTAATATCTACTTCTCT 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLyGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGGGGAGGCTCTCCACTTCATCTCCAGAGAGCAAGCTGTGACGGAAGAGCTGACTGT 458
QY 82 ProLeuGlyGluAspGlyGluHisCysValIleSerPheProGlyIleProAlaValAla 101
Db 459 CCCTTGGGGGAGAGCAAGAGCACTGTGTCAAGAGCTTCCCAAGAGGCTGCAAGTGGCA 518
QY 102 ValArgLeuSerLyAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGGACCGATCCACCTGCAAGTCTGGACCTGGCCACAGGAACCTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTCTGTTCGACACTTCACAGAGCTCTGCTGACAGACCTGTAGGCAAGATG 638
QY 142 GlyTrpSerSerLyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AAGCTGTGGAGATTTGGCCCAAGCCAGCATCTGAT 683
QY 162 ValValGluIleLeuThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATATCACAAAAACAGCCAGAGCTTCGATCGGACCTCAAGTGGGCTCGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySerLeuLyThrPro 201
Db 744 CTCTCAAGGCTCTCCGTGTCTCCCTGCACTGTCTGTGGTGGAGAAAGCTTGAAGCCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGTGGTGGAGAGAGGCTCTGTGATTTCTTGGCTTGGCAAGTCAAGATCCAG 863
QY 222 TyrAspLyGlnHisValCysGlyLySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAACACAGCTGTGTGAGAGGAGCATCCGACCCCACTGGGTCTCAACGCGCA 923
QY 242 AlaHisCysPheArgLyHisThrAspValPheAsnTrpLyValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAAACATACCATGTGTTCATCTGAAGGTGGCGGCGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLyIleIleIleGluPheAsnPro 281
Db 984 AAACGTGGGACGCTTCCCATCCCTGGCTGTGGCCAAAGATCATCATATTGAATTCACCCC 1043
QY 282 MetTrpProLyAspAsnAspIleAlaLeuMetLySLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATGATGCGCTCATGAGAGCTGCAAGTCCACACTTCTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlyGluLeuThrProAlaTrpPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTCTGCCCTTCTTGTATGAGAGGCTCACTCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLySLeuAsnGlyLyLyMetSerAspIleLeu 341
Db 1164 CTCTGAGATCATGTGATGGGTGTTTACAGACAGATGAGAGGAATGTCTGACATATCG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db 1224 CTGCAAGCGTCAGTCAGTCATTTGACAGACACGGTGATCATCAACATGCTGATACAG 1283
QY 362 GlyGlyValIleThrGlyLyMetMetCysAlaGlyIleProGlyGlyGlyValAspThrCys 381
Db 1284 GGGGAAATCAACCAAGATGATGTGTGACGACATCCCGGAAGGGGTGTGACACACTGG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValValGlyIle 401
122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
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Db 579 TTCTCTGCTGTTTCACACACTTCAAGAGCTCTCGTGAAGACAGCTGTAGGACATG 638
 Qy 142 G1YTYrSerSerLyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGCTACACG-----AGAGCTGTGAGATGTGGCCGAGACAGATCTGGAT 683
 Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGTAATCACAGAAACAGCCAGAGAGCTTCCATGCGGAACTCAAGTGGGCGCTGT 743
 Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAGGCTCCCGGTCTCCCTGCACTGTCTTGTGGAGAGAGCTTGAAGAGCCGCC 803
 Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGGTGGGTGGAGAGAGGCTCTGTGATTTTGGCTTGGCAGTCAAGATCCAG 863
 Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
 Db 864 TACGCAAAACAGCAGCTGTGTGGAGGAGCATCTCGAACCCCACTGGGCTCTCAAGGCA 923
 Qy 242 AlaHisCysPheHisGlyHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 924 GCCCACTGCTTCAGAGAAACATACCGATGTGTTCACATGGAAGTGGCGGAGCTCAAGC 983
 Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 Db 984 AAACGGGACGCTCCATCCCTGCTGGCTGGCCAGATCATCATATTTGAATTTCAACCC 1043
 Qy 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGAAACATGACATGCCCTTCATGAGAGCTGAGCTTCCATCTTCTCA 1103
 Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCGCATCTGTCTGCCCTTCTTGTGAGAGAGCTCATCTCCAGCCCA 1163
 Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGATCATTTGATGGGCTTTTACGAGCAAGATGAGAGGAGATGCTGACATCTG 1223
 Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrgln 361
 Db 1224 CTGCAAGGCTCAGTCAAGCTCTTACACAGCACAGCTGCAATGCAAGCATCCGATCCAG 1283
 Qy 362 GlyGluValThrGluLysMetCysAlaGlyIleProGluGlyValAspThrCys 381
 Db 1284 GGGGAAGTCACCGAAGATGATGTGTGAGGATCCCGAAGGGGGTGTGACACACTGC 1343
 Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrglnSerAspGlnTrpHisValValGlyIle 401
 Db 1344 CAGGTGACAGTGGGGGCGCTTCATGACATCTGACACAGTGCATGTGTGGGCAATC 1403
 Qy 402 ValSerTrpGlyTyrglyCysGlyGlyProSerThrProGlyValTyrrHisValSer 421
 Db 1404 GTTACTGGGGCTAAGCTGCGGGGCGCCGAGACCCCGAGATATACCAAGGTCTCA 1463
 Qy 422 AlaTyrrLeuAsnTrpIleTyrrAsnValTrpLysAlaGluLeu 435
 Db 1464 GCCTATCTCACTGGATCTACATGTCTGGAGGGCTGAGCTG 1505
 RESULT 196
 US-10-063-586-111
 ; Sequence 111, Application US/10063586
 ; GENERAL INFORMATION:
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary B.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.

; APPLICANT: Maranabe, Colin K.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P323081C1
 ; CURRENT APPLICATION NUMBER: US/10/063,586
 ; PRIOR APPLICATION removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-063-586-111
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1
 DB: 40
 US-10-803-530-2 (1-435) x US-10-063-586-111 (1-2063)
 Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 Db 219 GATCCTGACAGTGAATCAACTCTGAACAGCCCTCGATGCAAAACCCCTCGCAAAACCCCTG 278
 Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATCTAGCTGAGCTG 338
 Qy 42 AlaSerIleIleIleValIleValIleLysValIleLeuAspLysTyrrTyrrPheLeu 61
 Db 339 GCGAGTATCATATTTGTGTCTCTCATCAAGGTATTTCTGGATTAATATCTACTTCTC 398
 Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 Db 399 TGGCGGAGCCCTCTCCATCTTCATCCCGAAGAGCAGTGTGAGCGAGAGCTGAGCTGT 458
 Qy 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 Db 459 CCTTGGGGGAGAGCAGAGAGACATGTGTCAAGACTTCCCGAAGGGGCTGCACTGGCA 518
 Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCTCTCCAGAGACCGATCCACTGCAAGTGTGACTCGGCCACAGAGAACTGG 578
 Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCTCTGCTGTTTGCACATCTTCAAGAGCTCTCGTGAAGACGCTGTAGGCAATG 638
 Qy 142 GlyTyrrSerSerLyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGCTACACG-----AGAGCTGTGAGATGTGGCCGAGACAGATCTGGAT 683
 Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGTAATCACAGAAACAGCCAGAGAGCTTCCATGCGGAACTCAAGTGGGCGCTGT 743
 Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAGGCTCCCGGTCTCCCTGCACTGTCTTGTGGAGAGAGCTTGAAGAGCCGCC 803
 Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGGTGGGTGGAGAGAGGCTCTGTGATTTTGGCTTGGCAGTCAAGATCCAG 863
 Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
 Db 864 TACGCAAAACAGCAGCTGTGTGGAGGAGCATCTCGAACCCCACTGGGCTCTCAAGGCA 923

[illegible]

US-10-803-530-2 (1-435) x US-10-063-587-111 (1-2063)	
QY 2 AspProAspSerAspGlnProIeuAsnSerLeuAspValIleProIeuArgIleProArg 21	
Db 219 GATCCGGAAGATGATCAACCTCTGAAACACCTCGATGCAAAACCCCTGGCAAAACCCCGT 278	
QY 22 IleProMetGlnThrPheArgIysValGlyIleProIleGileIleLeuIeuSerLeu 41	
Db 279 ATCCCATGGAGACCTTTCAGAAAGGTGGGATCCCATATCATATGACCTACTGACCTTG 338	
QY 42 AlaSerIleIleIleValValIleuIleIysValIleIeuAspIleYTrIlePheLeu 61	
Db 339 GCGAGATCATCATGTTGGTTGCTTCATCAAGGTGATCTGGATTAATACTTCTCTC 398	
QY 62 CysGlyGlnProIeuHisPheIleProArgIysGlnIleCysAspGlyGluIleuAspCys 81	
Db 399 TCGGGACACCTCTCCACTTATCCCGAGAAAGACAGCTGTGTGAAGAGAGCTGACCTGT 458	
QY 82 ProIeuGlyGluAspGlnGlnHisCysValIlySerPheProGluGlyProAlaValAla 101	
Db 459 CCGTTGGGGAGAGAGAGAGACACTGTGTCAAGAGACTTCCCGAAGGGCTTCAGTGGCA 518	
QY 102 ValArgLeuSerIleAspArgSerThrIleuGlnValIleuAspSerAlaThrGlyAsnTrp 121	
Db 519 GTCCCGCTCTCCAAAGAACCGATCCACATGCAAGGTGTGATCTGAGCCACAGGAAATCGG 578	
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaIleuAlaGluThrAlaCysArgGlnMet 141	
Db 579 TTCTGTGCTGTTTTCGAAACATTCCAGAAAGCTTCGCTGAGACAGCCTGTATGGCAGATG 638	
QY 142 GlyTrpSerSerIleProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161	
Db 639 GGCTACAGC-----AGACCTGTGAGATTTGGCCGACAGACAGATTCGTGAT 683	
QY 162 ValValGluIleThrGluAsnSerGlnIleuAspArgMetCysAsnSerSerGlyProCys 181	
Db 684 GTTGTGTAATATCAAGAAACAGACGAGAGCTTGCATGCGGAATCAAGTGGGCGCTGT 743	
QY 182 LeuSerGlySerLeuValSerLeuHisCysIleuAlaCysGlyIlySerLeuIlyThrPro 201	
Db 744 CTCTGAGGCTCCCTGCTGTCTCTGCACTGTTCCTGTGCGTGGAAAGCCTTAAGACCCCC 803	
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221	
Db 804 COTGGGTGGGTGGGAGAGAGAGCCTCTGTGATCTTTCGCTTGGCAGTACGATCCAG 863	
QY 222 TyrAspIlySerGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleuThrAla 241	
Db 864 TACAGCAAAACGACAGTCTGTGGAGGAGACATCTTGACCCCACTGGGTCTTCAAGGCA 923	
QY 242 AlaHisCysPheArgIysHisEthAspValPheAsnTrpIlyValArgAlaGlySerAsp 261	
Db 924 GCCCAGCTGCTTCAAGAAACATACCGAGTGTTCACACTGGAAGGTGGGGCAGGCTTCAGAC 983	
QY 262 LysIleuGlySerPheProSerSerLeuAlaValAlaIysIleIleIleIleGluIleuAsnPro 281	
Db 984 AAATGTGGGAGCTTCCATCCCTGGCGTGGCCCAAGATCATCATTTGAATTCAACACCC 1043	
QY 282 MetTrpProIlyAspAsnAspIleAlaIleuMetLysIleuGlnPheProIeuThrPheSer 301	
Db 1044 ATGTAACCCCAAGACATGACATGACGTCCCTCATGAAAGCTGACGTTCCACATCTTTCGA 1103	
QY 302 GlyThrValArgProIleCysIleuProPheAspGlnIleuThrProAlaThrPro 321	
Db 1104 GGCACAGTCCAGGCCCATCTGTCTGCCCTTCTTGATGAGAGGCTCACTCCAGCACCCCA 1163	
QY 322 LeuThrIleIleGlyTrpGlyPheThrIlyGlnAspGlyGlyIlyMetSerAspIleLeu 341	
Db 1164 CTCTGATCATTTGGATGGGCGCTTTCAGAAACAGAAATGAGGAGAGATGTGACATATCTG 1223	
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361	

Db 1224 CTGACGGCTGTCACGCTCATTGACAGCACAGGTGCATGACAGCATGCGTACAG 1283
Qy 362 G1ygluValThrGluysMetMetCysAlaGly11leProgluglyGlyValAspThrCys 381
Db 1284 GGGGAGTCAACCGAAGATATATGTGTGTCAGGCAATCCGGAAGGGGGGTGAGACCTGCG 1343
Qy 382 G1nglyAspSerGlyGlyProleuMetGlyGlnSerAspGlnThrPheValValGly1le 401
Db 1344 CAGGGTGCACAGTGTGGGCGCCCTGATGTACCAATCTGACAGTGGCAGTGTGGGCTATC 1403
Qy 402 ValSerTrpGlyYrTrGlyCysGlyGlyProSerThrProGlyValYrThrValSer 421
Db 1404 GTTGTGCGGGCTATGTGGTGGGGCGCCGAGCACCCGAGAGATACACCAAGGTCTCA 1463
Qy 422 AlaTyrlleuAsnTrpIleTyAsnValTrpIysAlaGluLeu 435
Db 1464 GCTTATCTCACTGGATCTACAAATGTCTGGAAGGCTGAGCTG 1505
RESULT 198
US-10-063-588-111
; Sequence 111, Application US/10063588
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-588-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-588-111 (1-2063)
Qy 2 AspProAspSerAspGlnProleuAsnSerIleuAspValIysProleuArgIysProArg 21
Db 219 GATCTGACAGTCACTCTGTAACAGCTCGATGTAACCCCTGGCAACCCCGT 278
Qy 22 IlePrometGluThrPheArgIysValGlyIleProIleIleIleAlaIleuSerIleu 41
Db 279 ATCCCAATGAGACCTTTCAGAAAGTGGGATCCCAATCATATAGCACTATGAGCTG 338
Qy 42 AlaSerIleIleIleValIleValIleuIleIysValIleIleuAspIysTrpThrPheLeu 61
Db 339 GCGAATATCATATGTGTGTCTCTCATCAAGTGAATCTGATAAATACTACTTCTCTC 398
Qy 62 CysGlyGlnProleuHisPheIleProArgIysGlnIleuCysAspGlyGluIleuAspCys 81
Db 399 TCGGGGAGCCCTCTCACTTCAATCCGAGAAAGCAGCTGTGTGACGAGAGCTGACCTGT 458
Qy 82 ProIleuGlyGluAspGlyGluHisCysValIysSerPheProGlyGlyProAlaValAla 101
Db 459 CCTTGTGGGAGAGACGAGAGACATGTGTCTCAAGAGCTTCCCGGAAGGGGCTGCAATGGCA 518

Qy 102 ValArgIleuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTTCCAGAGCCATGACATGAGGTGTGATCTGGACACAGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaIleuAlaGluThrAlaCysArgIleuMet 141
Db 579 TTCTTCTGCTGTTCGACAACTTCACAGAAAGCTCTCCCTAGACAGCCTGTAGGCAATG 638
Qy 142 GlyTrsSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATGTGGCCGACACAGATCTGGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATACACAGAAACAGCAGAGCTTCGATGCGAATCAAGTGGGCGCTGT 743
Qy 182 LeuSerGlySerLeuValSerIleuHisCysIleuAlaCysGlyIysSerIleuIysThrPro 201
Db 744 CTCTCAGGCTCTCCGTGCTCTCTGACATGCTTGTCTGTGGAAAGAGCTGAAAGACCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CTGTGTGGTGGTGGGAGAGAGCTCTGTGATTTCTTGCTTGCGAGTCAAGCATCCAG 863
Qy 222 TyrAspIysGlnHisValCysGlyGlySerIleuAspProHisTrpValIleuThrAla 241
Db 864 TAGACAAACAGCAGCTGTGTGAGAGAGCATCTGGAACCCCACTGGGTCTTCACGGCA 923
Qy 242 AlaHisCysPheAspGlyHisThrAspValPheAsnTrpIysValAlaGlyAlaGlySerAsp 261
Db 924 GCCACCTGCTTCAGAAACATACGATGTGTTCACCTGGAAGGTGGCGGCGCTGAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleGluPheAsnPro 281
Db 984 AACTGGGACGCTTCCATCTCTGCTGTGGCCAGATCATCATTTGATTTCAACCCC 1043
Qy 282 MetTrpProIysAspAsnAspIleAlaIleuMetIysLeuGlnIlePheProIleuThrPheSer 301
Db 1044 ATGTACCCCAAGAACATGATGATCGCCCTCATGAAGGTGAGCTTCCCATCTTTC 1103
Qy 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAAGCCCATCTGTCTGCCCTTCTTATGAGAGTCACTCCAGCCCA 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrIleGlnAsnGlyGlyIysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGCTTTTACAGACAGAAATGAGAGATGTCTGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrgln 361
Db 1224 CTGACGGCTGATGTCAGGTATTCAGCACAGCGTGCATTCAGACAGATGCGTACAG 1283
Qy 362 GlyIleuValThrGluysMetMetCysAlaGly11leProgluglyGlyValAspThrCys 381
Db 1284 GGGGAGTCAACCGAAGATATATGTGTGTCAGGCAATCCGGAAGGGGGGTGAGACCTGCG 1343
Qy 382 G1nglyAspSerGlyGlyProleuMetGlyGlnSerAspGlnThrPheValValGly1le 401
Db 1344 CAGGGTGCACAGTGTGGGCGCCCTGATGTACCAATCTGACAGTGGCAGTGTGGGCTATC 1403
Qy 402 ValSerTrpGlyYrTrGlyCysGlyGlyProSerThrProGlyValYrThrValSer 421
Db 1404 GTTGTGCGGGCTATGTGGTGGGGCGCCGAGCACCCGAGAGATACACCAAGGTCTCA 1463
Qy 422 AlaTyrlleuAsnTrpIleTyAsnValTrpIysAlaGluLeu 435
Db 1464 GCTTATCTCACTGGATCTACAAATGTCTGGAAGGCTGAGCTG 1505
RESULT 199
US-10-063-589-111
; Sequence 111, Application US/10063589
; GENERAL INFORMATION:

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; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,589
; PRIORITY FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-589-111

Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.854
Best Local Similarity: 98.854
Query Match: 98.108
DB: 40
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-589-111 (1-2063)

QY 2 APPPROASPSERASGLINPROLEUANSERLEUASPVALLYSPROLEUARGVSPROARG 21
DB GATCTGACAGTATCACTCTCTGAACAGCTCCGATGCAAACTCCGCAACCCCGT 278
QY 22 ILEPROMETGLUTHPHARGLYSVALGYLIEPPOILLEILLEALEUENLEU 41
DB ATCCCAAGGAGACCTTGAGAAAGGTGGAGATCCCAATCATCATAGCACTAGAGCTG 338
QY 42 ALASERILLEILLEVALVALLEULEULEYVALLEUASPVLYTYRYPHELEU 61
DB GCGAATATCATCATGTTGTTGCTCTCATCAAGGATTCGATTAATCTACTTCTTC 398
QY 62 CYSGLYGLINPROLEUANSERLEUASPVALLYSPROLEUARGVSPROARG 81
DB TGGCGGACGCTCTCCACTTCTATCCCAAGGAGCAAGCTGTGTGACGAGAGCTG 458
QY 82 PROLEUGLYLUAERGLUHLNHCYSVALYSESPHEPROGLUGLYPROALAVALA 101
DB CCTTGGGGGAGAGCAAGAGGCACTGTGTCAAGGCTTCCCGAAGGGCTCTGAGTGA 518
QY 102 VALARGLEUSERLYSAPARGSERTHLEUGLINALLEUASPERALATHRGLYAEN 121
DB GTTCGCTCTCTCCCAAGGAGCACTGCAAGGTGTGACCTCGGCAAGGAGCACTG 578
QY 122 PHESEALACYSAPHEAPASNPHETHRGULNALALEUAGLUTHRALACYSARGIN 141
DB TTCTCTGCTCTCTCTCCCAAGGAGCACTGCTGTGAGCAAGCTGTGTGAGGCA 638
QY 142 GLTYRISERISERLYSPROTHRPHARGALAVAGLUNILEGLYPROASPVIN 161
DB GGGCTACAGC-----AGAGCTGTGAGATTTGGCCCAAGCAAGATCTGGAT 683
QY 162 VALVALGLULIETHRGLUANSERGLINLEUARGMETARGANSERISERGLY 181
DB GTTGTGAAATATCAAGAAACACGAGGCTTGCATCGGAACTCAAGTGGGCTGT 743
QY 182 LEUSERGLYSERLEUVALSERLEUHLNHCYSVALYSESPHEPROGLUGLY 201
DB CTCTGAGGCTCTCTGCTCTCTGCACTGTCTGTGAGGAGGAGGCTTGAAGAC 803
QY 202 ARGVALVALGLYGLUGLUALASERVALASPSERTPRGTHRGVVALSERILE 221
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DB 804 CTTGTGGTGGTGGGAGGAGGCTCTGTGATTTCTGGCTTGGAGGATCATCCAG 863
QY 222 TYRASPVSGLINHSVALCYSGLYGLYSERILELEUASPROHISTPRVALLEUTH 241
DB TACAGCAAAACAGGACGCTGTGTGAGGAGGATCTTGACCCCACTGGTCTTCA 923
QY 242 ALAHSICYSAPHEARGLYSHISTHRAPVALPHEASNTRPLYSVALARGALIS 261
DB GCCCACTGCTTCAAGAAACATACCGATGTTCAATCGAAGGTTGGGCGGCA 983
QY 262 LYSLEUGLYSERPHEPROSERLEUALAVALAALYSILLEILLEGLEU 281
DB AAATGGGAGCTTCCATCTCTGCTGTGGCCCAAGATCATATGAAATTCAC 1043
QY 282 METYRPROLYSAPASNPALLEALAEUMETLYSLEUGLINPHEPROLEUTH 301
DB ATGTACCCCAAGACATGACATCCGCTTCAAGAGCTGCACTCCAGCCCA 1103
QY 302 GLYTHRVALLARGPROLIECYSLIENUPHEAPSGULGLUENTHPROALATH 321
DB GGCACAGTACAGGCCCATCTGTCTGCTTCTTGTGATGAGAGCTCATCCAG 1163
QY 322 LEUTRIPLEILLEGLYTRPGLYPHERTHRYSGLINANGLYLYSEMER 341
DB CTCTGATCATTTGATGGGGCTTTTACGAGCAAGATGAGAGATGTGACAT 1223
QY 342 LEUGLINALSERVALGLINVALLEASPSERTHRARGVSAENALASAP 361
DB CTGCAGGCTCATGCTCAGGATCATGACAGCACAGGTCATGACAGAGGCT 1283
QY 362 GLYGLUVALIETHRGULNMEHETCYVALAGLYLIEPPOILUGLYVAL 381
DB GGGAGATGACCAAGAAATGATGTGTACAGACATCCGAAAGGGGTGTGAC 1343
QY 382 GLNGLYASPSERGLYGLYPROLEUMETRYGLINSEAPSGINTPHISVAL 401
DB CAGGGTGAACAGTGGTGGGCTTATGATGACCAATGACAGTGGCATGTG 1403
QY 402 VALSERTPGLYTRGLYCYGLYGLYPROSERTHPRGILYVALTYRTH 421
DB GTTACTCTGGGCTATGCTGTGGGGGCGCCGAGCACCCAGAGATACCA 1463
QY 422 ALATYRLEUASNTPLIETYSASPVALLTRPLYSALGLUEN 435
DB GCTATATCACTGATCTGATCATATGTTCTGAAAGGCTGAGCTG 1505
DB 1464 GCTATATCACTGATCTGATCATATGTTCTGAAAGGCTGAGCTG 1505

RESULT 200
US-10-063-591-111
; Sequence 111, Application US/10063591
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,591
; PRIORITY FILING DATE: 2002-05-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-591-111
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Alignment Scores:

Pred. No.:	0	Length:	2063
Score:	2297.50	Matches:	429
Percent Similarity:	98.85%	Conservative:	0
Best Local Similarity:	98.85%	Mismatches:	0
Query Match:	98.10%	Indels:	5
DB:	40	Gaps:	1

US-10-803-530-2 (1-435) x US-10-063-591-111 (1-2063)

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QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuAlaArgProArg 21
DB 219 GATCTGACAGTGAATCAACCTTGACAGCTCTGATGTCMAACCTCGCGCAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCCATGAGACCTTCAGAAAGTGGGGATCCCATCATCATATGACACTAGAGCTG 338
QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleVal 61
DB 339 GCGAGTATCATCATGTTGTGTCTCTCATCAAGGTGATTCTGATTAATTAATTAATCTTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TGGGGGAGGCTCTCCACTTCACTCCAGAGAGAGAGCTGTGTGAGGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTCTGCTGTTTTCGACACTTCAAGAGAGCTCTGCTGAGAGAGAGAGAGAGAGAGAG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCAGAGAGAGAGAGAGAGAGAGAGAG 683
QY 162 ValValGluIleThrGluAsnSerGlnLeuAspMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAGGCTCCCTGTGTCTCTCTGCACTGTCTGTGCTGTGGAGAGAGAGAGAGAGAG 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleTrpValLeuThrAla 241
DB 864 TACGCAAAACAGCAGCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 924 GCCCACTGCTTCAGAAACATACCAATGTGTTCAACTGMAAGTGGGGGAGAGAGAGAGAG 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleIleIleIleIle 281
DB 984 AAACGGGAGAGCTCCATCCCTGTGCTGTGGCCAGAGATCATCATGATTAATTAATCA 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
DB 1104 GGCAACGTACAGGCCATCTGTGTGCTCTTTGATGAGAGAGAGAGAGAGAGAGAGAGAG 1163

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QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGGATGGGCTTTACAGAGACAGATGGAGAGAGATGTCTGACATACCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTCAGGGCGTCAGTCCAGTCCAGTTCATTCACAGCAGCAGGTCATTCAGACGATGGTACAG 1283
QY 362 GlyGlnValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB 1284 GGGGAACTCACAGAAAGATGATGTGTGACAGGATCCCGAAGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
DB 1344 CAGGTCACAGTGTGGGCTGATGTACCAATCTGACAGTGGAGATGTGTGGGATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrLysValSer 421
DB 1404 GTTAGCTGGGGCTATGGCTCGGGGGCCGAGCAGCCAGAGATATACCAAGTCTCA 1463
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Search completed: January 21, 2006, 07:52:51
 Job time : 7399 secs

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Pending Nucleic Acid and Pending Amino Acid database searches generate two sets of results each. The Pending databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches. Searches run against the Nucleic Acid Pending database produce two sets of results, with the extensions .rnpn and .rapn.

Searches run against the Amino Acid Pending database produce two sets of results, with the extensions .rapm and .rapn.

Because they contain data that is confidential, the results of Pending database searches should not be left in the case.

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 21, 2006, 04:47:20 ; Search time 215 Seconds
(without alignments)
2796.049 Million cell updates/sec

Title: US-10-803-530-2
Perfect score: 2342
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 7861189 seqs, 1381955077 residues
Total number of hits satisfying chosen parameters: 7861189

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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ALIGNMENTS

RESULT 1
 PCT-US01-18568-2
 ; Sequence 2, Application PC/TUS0118568
 ; GENERAL INFORMATION:
 ; APPLICANT: Darrow, Andrew L
 ; APPLICANT: Qi, Jian-shen
 ; APPLICANT: Andrade-Gordon, Patricia
 ; TITLE OF INVENTION: DNA encoding human serine protease D-G
 ; FILE REFERENCE: ORT-1273
 ; CURRENT APPLICATION NUMBER: PCT/US01/18568
 ; CURRENT FILING DATE: 2001-06-08
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO 2
 ; LENGTH: 435
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 PCT-US01-18568-2

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 ; APPLICANT: Darrow, Andrew L

APPLICANT: Qi, Jian-shen
 APPLICANT: Andrade-Gordon, Patricia
 TITLE OF INVENTION: DNA encoding human serine protease D-G
 FILE REFERENCE: ORT-1273
 CURRENT APPLICATION NUMBER: PCT/US01/18568A
 CURRENT FILING DATE: 2001-06-08
 NUMBER OF SEQ ID NOS: 9
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 LENGTH: 435
 TYPE: PRT
 ORGANISM: Homo sapiens
 PCT-US01-18568A-2

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 QY 61 LCGQPLHPIPRKQLCDGELDCPLGDEDEHCYKSPREGPAVAVRLSKDRSTLOVDSATGN 120
 DB 61 LCGQPLHPIPRKQLCDGELDCPLGDEDEHCYKSPREGPAVAVRLSKDRSTLOVDSATGN 120
 QY 121 WFSACFDNFTALAEACRQWGYSSKPTFRAVEIGPDDLDVAETENSQELRMNNSGP 180
 DB 121 WFSACFDNFTALAEACRQWGYSSKPTFRAVEIGPDDLDVAETENSQELRMNNSGP 180
 QY 181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
 DB 181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
 QY 241 AAHCFRKHDTVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLQPLTF 300
 DB 241 AAHCFRKHDTVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLQPLTF 300
 QY 301 SCTVRPCLPFPDEELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAY 360
 DB 301 SCTVRPCLPFPDEELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAY 360
 QY 361 QGEYTERKMKCAGIPREGVDTCQDSDGGLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKV 420
 DB 361 QGEYTERKMKCAGIPREGVDTCQDSDGGLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKV 420
 QY 421 SAYLNIYVWKAEL 435
 DB 421 SAYLNIYVWKAEL 435

RESULT 3
 PCT-US02-09671-1578
 ; Sequence 1578, Application PC/TUS0209671
 ; GENERAL INFORMATION:
 ; APPLICANT: Zycos Inc.
 ; TITLE OF INVENTION: TRANSLATIONAL PROFILING
 ; FILE REFERENCE: 08191-026W01
 ; CURRENT APPLICATION NUMBER: PCT/US02/09671
 ; CURRENT FILING DATE: 2002-03-28
 ; PRIOR APPLICATION NUMBER: 60/279,495
 ; PRIOR FILING DATE: 2001-03-28
 ; PRIOR APPLICATION NUMBER: 60/292,544
 ; PRIOR FILING DATE: 2001-05-21
 ; PRIOR APPLICATION NUMBER: 60/310,801
 ; PRIOR FILING DATE: 2001-08-08
 ; PRIOR APPLICATION NUMBER: 60/326,370
 ; PRIOR FILING DATE: 2001-10-01
 ; PRIOR APPLICATION NUMBER: 60/336,780
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: 60/358,985
 ; PRIOR FILING DATE: 2002-02-20
 ; NUMBER OF SEQ ID NOS: 2041

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1578
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
PCT-US02-09671-1578

Query Match 100.0%; Score 2342; DB 1; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 MDPDSQPLNSLDVKKPKRPRIMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB 1 MDPDSQPLNSLDVKKPKRPRIMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
QY 61 LCGQPLHFIPRKOLCGEELDCPLGEBEHCYVSFPGPAVAVRLSKDRSTLOVLSATGN 120
DB 61 LCGQPLHFIPRKOLCGEELDCPLGEBEHCYVSFPGPAVAVRLSKDRSTLOVLSATGN 120
QY 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLT 240
DB 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLT 240
QY 241 AAHCFRKHDTVFNMKVRASDGLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPLTF 300
DB 241 AAHCFRKHDTVFNMKVRASDGLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPLTF 300
QY 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCNADAY 360
DB 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCNADAY 360
QY 361 QGEVTERKMKACIPREGVDTCQDSGGPLMTQSDQMHVAVISWGYGGGPGSTGVTYKV 420
DB 361 QGEVTERKMKACIPREGVDTCQDSGGPLMTQSDQMHVAVISWGYGGGPGSTGVTYKV 420
QY 421 SAYLNMWYVWKAEL 435
DB 421 SAYLNMWYVWKAEL 435
```

RESULT 4

PCT-US02-09671-1597
Sequence 1597, Application PC/TUS0209671
GENERAL INFORMATION:
APPLICANT: Zycos Inc.
TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08191-026W01
CURRENT APPLICATION NUMBER: PCT/US02/09671
CURRENT FILING DATE: 2002-03-28
PRIOR APPLICATION NUMBER: 60/279,495
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/292,544
PRIOR FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/310,801
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/326,370
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/336,780
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 60/358,985
PRIOR FILING DATE: 2002-02-20
NUMBER OF SEQ ID NOS: 2041
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1597
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
PCT-US02-09671-1597

Query Match 100.0%; Score 2342; DB 1; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MDPDSQPLNSLDVKKPKRPRIMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB 1 MDPDSQPLNSLDVKKPKRPRIMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
QY 61 LCGQPLHFIPRKOLCGEELDCPLGEBEHCYVSFPGPAVAVRLSKDRSTLOVLSATGN 120
DB 61 LCGQPLHFIPRKOLCGEELDCPLGEBEHCYVSFPGPAVAVRLSKDRSTLOVLSATGN 120
QY 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLT 240
DB 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLT 240
QY 241 AAHCFRKHDTVFNMKVRASDGLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPLTF 300
DB 241 AAHCFRKHDTVFNMKVRASDGLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPLTF 300
QY 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCNADAY 360
DB 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCNADAY 360
QY 361 QGEVTERKMKACIPREGVDTCQDSGGPLMTQSDQMHVAVISWGYGGGPGSTGVTYKV 420
DB 361 QGEVTERKMKACIPREGVDTCQDSGGPLMTQSDQMHVAVISWGYGGGPGSTGVTYKV 420
QY 421 SAYLNMWYVWKAEL 435
DB 421 SAYLNMWYVWKAEL 435
```

RESULT 5

US-10-030-688-2
Sequence 2, Application US/10030688
GENERAL INFORMATION:
APPLICANT: Merck Patent GmbH
TITLE OF INVENTION: Seripancrin
FILE REFERENCE: Seripancrin
CURRENT APPLICATION NUMBER: US/10/030,688
CURRENT FILING DATE: 2002-01-14
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
US-10-030-688-2

Query Match 100.0%; Score 2342; DB 30; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 MDPDSQPLNSLDVKKPKRPRIMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB 1 MDPDSQPLNSLDVKKPKRPRIMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
QY 61 LCGQPLHFIPRKOLCGEELDCPLGEBEHCYVSFPGPAVAVRLSKDRSTLOVLSATGN 120
DB 61 LCGQPLHFIPRKOLCGEELDCPLGEBEHCYVSFPGPAVAVRLSKDRSTLOVLSATGN 120
QY 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLT 240
DB 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLT 240
```

QY 241 AAHCRKTTDVNNKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
DB 241 AAHCRKTTDVNNKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
QY 301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
DB 301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
QY 361 QGEVTERKMCAGIPEGGVDTCCGDSGGLMTQSDQMHVGVISWYCGGSPSTGVTYTKV 420
DB 361 QGEVTERKMCAGIPEGGVDTCCGDSGGLMTQSDQMHVGVISWYCGGSPSTGVTYTKV 420
QY 421 SAYLMIYVWKAEI 435
DB 421 SAYLMIYVWKAEI 435

RESULT 6
US-10-473-127-1578
Sequence 1578, Application US/10473127

GENERAL INFORMATION:
APPLICANT: Zycos Inc.
TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08191-026W01
CURRENT APPLICATION NUMBER: US/10/473,127
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 60/279,495
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/292,544
PRIOR FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/310,801
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/326,370
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/336,780
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 60/358,985
PRIOR FILING DATE: 2002-02-20
NUMBER OF SEQ ID NOS: 2041
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1578
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
US-10-473-127-1578

Query Match 100.0%; Score 2342; DB 34; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MDPSDQPLNSLDVPRKRPIMETPRKVGIPILIIALLSLASIIIVVLLKVLIDKYYF 60
DB 1 MDPSDQPLNSLDVPRKRPIMETPRKVGIPILIIALLSLASIIIVVLLKVLIDKYYF 60
QY 61 LCGQPLHPIPRKQICDGLDCEPLGEDEBHCYKSPFEGPAVAVRLSKDSTIQVLD SATGN 120
DB 61 LCGQPLHPIPRKQICDGLDCEPLGEDEBHCYKSPFEGPAVAVRLSKDSTIQVLD SATGN 120
QY 121 WFSACFDNFTEALAEACRQMGYSKPTFRAVEIGPDODLVETITENSQELRMNNSGP 180
DB 121 WFSACFDNFTEALAEACRQMGYSKPTFRAVEIGPDODLVETITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKOHVCGSILDPHWLVT 240
DB 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKOHVCGSILDPHWLVT 240
QY 241 AAHCRKTTDVNNKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
DB 241 AAHCRKTTDVNNKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
QY 301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
DB 301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360

DB 301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
QY 361 QGEVTERKMCAGIPEGGVDTCCGDSGGLMTQSDQMHVGVISWYCGGSPSTGVTYTKV 420
DB 361 QGEVTERKMCAGIPEGGVDTCCGDSGGLMTQSDQMHVGVISWYCGGSPSTGVTYTKV 420
QY 421 SAYLMIYVWKAEI 435
DB 421 SAYLMIYVWKAEI 435

RESULT 7
US-10-473-127-1597
Sequence 1597, Application US/10473127

GENERAL INFORMATION:
APPLICANT: Zycos Inc.
TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08191-026W01
CURRENT APPLICATION NUMBER: US/10/473,127
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 60/279,495
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/292,544
PRIOR FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/310,801
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/326,370
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/336,780
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 60/358,985
PRIOR FILING DATE: 2002-02-20
NUMBER OF SEQ ID NOS: 2041
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1597
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
US-10-473-127-1597

Query Match 100.0%; Score 2342; DB 34; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MDPSDQPLNSLDVPRKRPIMETPRKVGIPILIIALLSLASIIIVVLLKVLIDKYYF 60
DB 1 MDPSDQPLNSLDVPRKRPIMETPRKVGIPILIIALLSLASIIIVVLLKVLIDKYYF 60
QY 61 LCGQPLHPIPRKQICDGLDCEPLGEDEBHCYKSPFEGPAVAVRLSKDSTIQVLD SATGN 120
DB 61 LCGQPLHPIPRKQICDGLDCEPLGEDEBHCYKSPFEGPAVAVRLSKDSTIQVLD SATGN 120
QY 121 WFSACFDNFTEALAEACRQMGYSKPTFRAVEIGPDODLVETITENSQELRMNNSGP 180
DB 121 WFSACFDNFTEALAEACRQMGYSKPTFRAVEIGPDODLVETITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKOHVCGSILDPHWLVT 240
DB 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKOHVCGSILDPHWLVT 240
QY 241 AAHCRKTTDVNNKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
DB 241 AAHCRKTTDVNNKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
QY 301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
DB 301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
QY 361 QGEVTERKMCAGIPEGGVDTCCGDSGGLMTQSDQMHVGVISWYCGGSPSTGVTYTKV 420
DB 361 QGEVTERKMCAGIPEGGVDTCCGDSGGLMTQSDQMHVGVISWYCGGSPSTGVTYTKV 420
QY 421 SAYLMIYVWKAEI 435
DB 421 SAYLMIYVWKAEI 435

Db 421 SAYLNMWYVWKAEL 435

RESULT 8
US-10-803-530-2
Sequence 2, Application US/10803530
GENERAL INFORMATION:
APPLICANT: Darrow, Andrew L
APPLICANT: Qi, Jaiin-shen
APPLICANT: Andrade-Gordon, Patricia
TITLE OF INVENTION: DNA encoding human serine protease D-G
FILE REFERENCE: ORT-1273
CURRENT APPLICATION NUMBER: US/10/803,530
CURRENT FILING DATE: 2004-03-17
PRIOR APPLICATION NUMBER: US/09/607,745
PRIOR FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
US-10-803-530-2

Query Match 100.0%; Score 2342; DB 38; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220; Indels 0; Gaps 0;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDPDSQPLNSLDVRLKRPRIPIIPIIALLSLASIIIVVLLIKVILDKYF 60
DB 1 MDPDSQPLNSLDVRLKRPRIPIIPIIALLSLASIIIVVLLIKVILDKYF 60
QY 61 LCGQPLHFIIPKQLCDGELDCPLGDEDEHCVSFPEGPAVAVRLSKDSTLQVLD SATGN 120
DB 61 LCGQPLHFIIPKQLCDGELDCPLGDEDEHCVSFPEGPAVAVRLSKDSTLQVLD SATGN 120
QY 121 WFSACFDNFTALAEACRQWYSSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTALAEACRQWYSSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGP 180
QY 181 CLSGSVLSHCLACGKSLKTPRVVGEERASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
DB 181 CLSGSVLSHCLACGKSLKTPRVVGEERASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
QY 241 AAHCFRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNMYPKNDIALMKLOPPLTF 300
DB 241 AAHCFRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNMYPKNDIALMKLOPPLTF 300
QY 301 SGTVPICLPFFDELTATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAY 360
DB 301 SGTVPICLPFFDELTATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAY 360
QY 361 QGEVTEKMMCAIGIPBGVDITCQDSSGGLPMYQSDQMHVGVISWYCGGSPSTPGVYTKV 420
DB 361 QGEVTEKMMCAIGIPBGVDITCQDSSGGLPMYQSDQMHVGVISWYCGGSPSTPGVYTKV 420
QY 421 SAYLNMWYVWKAEL 435
DB 421 SAYLNMWYVWKAEL 435

RESULT 9
PCT-US04-15258-3
Sequence 3, Application PC/TUS0415258
GENERAL INFORMATION:
APPLICANT: diadexus, Inc.
APPLICANT: Pilkington, Glenn
APPLICANT: Keller, Gilbert-Andre
APPLICANT: Li, Wenlu
APPLICANT: Cortal, Laura
APPLICANT: Simon, Iris
TITLE OF INVENTION: Ovarian Antibody Compositions and Methods of Use

FILE REFERENCE: DEX-0484
CURRENT APPLICATION NUMBER: PCT/US04/15258
CURRENT FILING DATE: 2004-05-21
PRIOR APPLICATION NUMBER: US 60/559,730
PRIOR FILING DATE: 2004-04-05
PRIOR APPLICATION NUMBER: US 60/471,068
PRIOR FILING DATE: 2003-05-16
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 461
TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic
PCT-US04-15258-3

Query Match 100.0%; Score 2342; DB 1; Length 461;
Best Local Similarity 100.0%; Pred. No. 3.4e-220; Indels 0; Gaps 0;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDPDSQPLNSLDVRLKRPRIPIIPIIALLSLASIIIVVLLIKVILDKYF 60
DB 1 MDPDSQPLNSLDVRLKRPRIPIIPIIALLSLASIIIVVLLIKVILDKYF 60
QY 61 LCGQPLHFIIPKQLCDGELDCPLGDEDEHCVSFPEGPAVAVRLSKDSTLQVLD SATGN 120
DB 61 LCGQPLHFIIPKQLCDGELDCPLGDEDEHCVSFPEGPAVAVRLSKDSTLQVLD SATGN 120
QY 121 WFSACFDNFTALAEACRQWYSSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTALAEACRQWYSSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGP 180
QY 181 CLSGSVLSHCLACGKSLKTPRVVGEERASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
DB 181 CLSGSVLSHCLACGKSLKTPRVVGEERASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
QY 241 AAHCFRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNMYPKNDIALMKLOPPLTF 300
DB 241 AAHCFRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNMYPKNDIALMKLOPPLTF 300
QY 301 SGTVPICLPFFDELTATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAY 360
DB 301 SGTVPICLPFFDELTATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAY 360
QY 361 QGEVTEKMMCAIGIPBGVDITCQDSSGGLPMYQSDQMHVGVISWYCGGSPSTPGVYTKV 420
DB 361 QGEVTEKMMCAIGIPBGVDITCQDSSGGLPMYQSDQMHVGVISWYCGGSPSTPGVYTKV 420
QY 421 SAYLNMWYVWKAEL 435
DB 421 SAYLNMWYVWKAEL 435

RESULT 10
PCT-US04-20741-7
Sequence 7, Application PC/TUS0420741
GENERAL INFORMATION:
APPLICANT: diadexus, Inc.
APPLICANT: Padkoff, Jackie
APPLICANT: Pilkington, Glenn
APPLICANT: Keller, Gilbert-Andre
APPLICANT: Li, Wenlu
APPLICANT: Cortal, Laura
APPLICANT: Simon, Iris
APPLICANT: Kmet, Muriel
TITLE OF INVENTION: Pro104 Antibody Compositions and Methods of Use
FILE REFERENCE: DEX-0491
CURRENT APPLICATION NUMBER: PCT/US04/20741
CURRENT FILING DATE: 2004-07-06
PRIOR APPLICATION NUMBER: US 60/523,271
PRIOR FILING DATE: 2003-11-17

PRIOR APPLICATION NUMBER: US 60/485,346

PRIOR FILING DATE: 2003-06-27

NUMBER OF SEQ ID NOS: 38

SOFTWARE: PatentIn version 3.1

SEQ ID NO 7

LENGTH: 461

TYPE: PRT

ORGANISM: Homo sapiens

PCT-US04-20741-7

Query Match 100.0%; Score 2342; DB 1; Length 461;

Best Local Similarity 100.0%; Pred. No. 3,4e-220;

Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 1 MDPSDQPLNSLDVPRKRPRIEMETFRKVGIPPIIALSLASIIIVVLKVLIDKYYF 60
DB 1 MDPSDQPLNSLDVPRKRPRIEMETFRKVGIPPIIALSLASIIIVVLKVLIDKYYF 60
QY 61 LCGQPLHPIPRKQICDGLDCLPLGDEBHCYKSPFEGPAVAVRLSKORSTLQVLDATGN 120
DB 61 LCGQPLHPIPRKQICDGLDCLPLGDEBHCYKSPFEGPAVAVRLSKORSTLQVLDATGN 120
QY 121 WFSACFDNFTALAEACRQMGYSKPTFAVEIGPDODLVVEITENSQELRMNSGCP 180
DB 121 WFSACFDNFTALAEACRQMGYSKPTFAVEIGPDODLVVEITENSQELRMNSGCP 180
QY 121 WFSACFDNFTALAEACRQMGYSKPTFAVEIGPDODLVVEITENSQELRMNSGCP 180
DB 121 WFSACFDNFTALAEACRQMGYSKPTFAVEIGPDODLVVEITENSQELRMNSGCP 180
QY 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
DB 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
QY 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
DB 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
QY 241 AAHCFRKHITDVFNKVRAGSDKLSFPSLAIVAKIIIEFNMYPRKNDIALMKLOPLTF 300
DB 241 AAHCFRKHITDVFNKVRAGSDKLSFPSLAIVAKIIIEFNMYPRKNDIALMKLOPLTF 300
QY 241 AAHCFRKHITDVFNKVRAGSDKLSFPSLAIVAKIIIEFNMYPRKNDIALMKLOPLTF 300
DB 241 AAHCFRKHITDVFNKVRAGSDKLSFPSLAIVAKIIIEFNMYPRKNDIALMKLOPLTF 300
QY 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAY 360
DB 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAY 360
QY 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAY 360
DB 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAY 360
QY 361 QGEVTEKMKCAGIPGGVDTCQDSDGGPLMTQSDQMVHVGIVSWGYGGGSGTGVYTKV 420
DB 361 QGEVTEKMKCAGIPGGVDTCQDSDGGPLMTQSDQMVHVGIVSWGYGGGSGTGVYTKV 420
QY 421 SAYLMIYVWKAEI 435
DB 421 SAYLMIYVWKAEI 435
QY 421 SAYLMIYVWKAEI 435
DB 421 SAYLMIYVWKAEI 435

```

RESULT 11

PCT-US02-09671-1596

Sequence 1596, Application PC/TUS0209671

GENERAL INFORMATION:

APPLICANT: Zycos Inc.

TITLE OF INVENTION: TRANSLATIONAL PROFILING

FILE REFERENCE: 08191-026W01

CURRENT APPLICATION NUMBER: PCT/US02/09671

CURRENT FILING DATE: 2002-03-28

PRIOR APPLICATION NUMBER: 60/279,495

PRIOR FILING DATE: 2001-03-28

PRIOR APPLICATION NUMBER: 60/292,544

PRIOR FILING DATE: 2001-05-21

PRIOR APPLICATION NUMBER: 60/310,801

PRIOR FILING DATE: 2001-08-08

PRIOR APPLICATION NUMBER: 60/326,370

PRIOR FILING DATE: 2001-10-01

PRIOR APPLICATION NUMBER: 60/336,780

PRIOR FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: 60/358,985

PRIOR FILING DATE: 2002-02-20

NUMBER OF SEQ ID NOS: 2041

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 1596

LENGTH: 435

TYPE: PRT

ORGANISM: Homo sapiens

PCT-US02-09671-1596

Query Match 99.8%; Score 2338; DB 1; Length 435;

Best Local Similarity 99.8%; Pred. No. 7,8e-220;

Matches 434; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

```

QY 1 MDPSDQPLNSLDVPRKRPRIEMETFRKVGIPPIIALSLASIIIVVLKVLIDKYYF 60
DB 1 MDPSDQPLNSLDVPRKRPRIEMETFRKVGIPPIIALSLASIIIVVLKVLIDKYYF 60
QY 61 LCGQPLHPIPRKQICDGLDCLPLGDEBHCYKSPFEGPAVAVRLSKORSTLQVLDATGN 120
DB 61 LCGQPLHPIPRKQICDGLDCLPLGDEBHCYKSPFEGPAVAVRLSKORSTLQVLDATGN 120
QY 121 WFSACFDNFTALAEACRQMGYSKPTFAVEIGPDODLVVEITENSQELRMNSGCP 180
DB 121 WFSACFDNFTALAEACRQMGYSKPTFAVEIGPDODLVVEITENSQELRMNSGCP 180
QY 121 WFSACFDNFTALAEACRQMGYSKPTFAVEIGPDODLVVEITENSQELRMNSGCP 180
DB 121 WFSACFDNFTALAEACRQMGYSKPTFAVEIGPDODLVVEITENSQELRMNSGCP 180
QY 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
DB 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQVCGSILDPHWLT 240
QY 241 AAHCFRKHITDVFNKVRAGSDKLSFPSLAIVAKIIIEFNMYPRKNDIALMKLOPLTF 300
DB 241 AAHCFRKHITDVFNKVRAGSDKLSFPSLAIVAKIIIEFNMYPRKNDIALMKLOPLTF 300
QY 241 AAHCFRKHITDVFNKVRAGSDKLSFPSLAIVAKIIIEFNMYPRKNDIALMKLOPLTF 300
DB 241 AAHCFRKHITDVFNKVRAGSDKLSFPSLAIVAKIIIEFNMYPRKNDIALMKLOPLTF 300
QY 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAY 360
DB 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAY 360
QY 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAY 360
DB 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAY 360
QY 361 QGEVTEKMKCAGIPGGVDTCQDSDGGPLMTQSDQMVHVGIVSWGYGGGSGTGVYTKV 420
DB 361 QGEVTEKMKCAGIPGGVDTCQDSDGGPLMTQSDQMVHVGIVSWGYGGGSGTGVYTKV 420
QY 421 SAYLMIYVWKAEI 435
DB 421 SAYLMIYVWKAEI 435
QY 421 SAYLMIYVWKAEI 435
DB 421 SAYLMIYVWKAEI 435

```

RESULT 12

US-09-659-151-6

Sequence 6, Application US/09659151

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

Hillman, Jennifer L.

Yue, Henry

Guegler, Karl J.

Corley, Neil C.

Tang, Tom Y.

Shah, Purvi

TITLE OF INVENTION: HUMAN PROTEASE MOLECULES

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSER: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Dr.

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/659,151

FILING DATE: 11-Sep-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/008,271

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Mohan-Peterson, Sheela

REGISTRATION NUMBER: 41,201
REFERENCE/DOCKET NUMBER: PF-0458 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 435 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: COLNMOT13
CLONE: 1337018
SEQUENCE DESCRIPTION: SEQ ID NO: 6 :
US-09-659-151-6

Query Match 99.8%; Score 2338; DB 26; Length 435;
Best Local Similarity 99.8%; Pred. No. 7.8e-220;
Matches 434; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPPDSQPLNSLDVRLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYF 60
DB 1 MPPDSQPLNSLDVRLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYF 60
QY 61 LCGQPLHFIIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLOVDSATGN 120
DB 61 LCGQPLHFIIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLOVDSATGN 120
QY 121 WFSACDNFTALAFACQMGYSKPTFRVAIEGPDLDVVEITENSQELRMNNSGP 180
DB 121 WFSACDNFTALAFACQMGYSKPTFRVAIEGPDLDVVEITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKQHVCGGSIIDPHVLT 240
DB 181 CLSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKQHVCGGSIIDPHVLT 240
QY 241 AAHCRKRTDVFNKVRAGSDKLSFPSLAVAKIIIFBNPMYPKNDIALMKLOFPLTF 300
DB 241 AAHCRKRTDVFNKVRAGSDKLSFPSLAVAKIIIFBNPMYPKNDIALMKLOFPLTF 300
QY 301 SGTVPICLPFFDELTLPATPLMIIIGWFTKONGGKMSDILLQASVOYIDSTRCNADDA 360
DB 301 SGTVPICLPFFDELTLPATPLMIIIGWFTKONGGKMSDILLQASVOYIDSTRCNADDA 360
QY 361 QGEVTERKMCAGIPEGVDTCQDSSGGPLMYQSDQMHVGIIVSMGIGCGGSPITPGYITKV 420
DB 361 QGEVTERKMCAGIPEGVDTCQDSSGGPLMYQSDQMHVGIIVSMGIGCGGSPITPGYITKV 420
QY 421 SAYLNMWYNWKAEL 435
DB 421 SAYLNMWYNWKAEL 435

RESULT 13
US-10-180-719-6
Sequence 6, Application US/10180719
GENERAL INFORMATION:
APPLICANT: Handman, Olga
Hillman, Jennifer L.
Yue, Henry
Guegler, Karl J.
Corley, Neil C.
Tang, Tom Y.
Shah, Purya
TITLE OF INVENTION: HUMAN PROTEASE MOLECULES
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA

ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/180,719
FILING DATE: 25-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/008,271
FILING DATE: 16-Jan-1998
ATTORNEY/AGENT INFORMATION:
NAME: Mohan-Peterson, Sheila
REGISTRATION NUMBER: 41,201
REFERENCE/DOCKET NUMBER: PF-0458 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 435 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: COLNMOT13
CLONE: 1337018
SEQUENCE DESCRIPTION: SEQ ID NO: 6 :
US-10-180-719-6

Query Match 99.8%; Score 2338; DB 31; Length 435;
Best Local Similarity 99.8%; Pred. No. 7.8e-220;
Matches 434; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPPDSQPLNSLDVRLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYF 60
DB 1 MPPDSQPLNSLDVRLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYF 60
QY 61 LCGQPLHFIIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLOVDSATGN 120
DB 61 LCGQPLHFIIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLOVDSATGN 120
QY 121 WFSACDNFTALAFACQMGYSKPTFRVAIEGPDLDVVEITENSQELRMNNSGP 180
DB 121 WFSACDNFTALAFACQMGYSKPTFRVAIEGPDLDVVEITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKQHVCGGSIIDPHVLT 240
DB 181 CLSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKQHVCGGSIIDPHVLT 240
QY 241 AAHCRKRTDVFNKVRAGSDKLSFPSLAVAKIIIFBNPMYPKNDIALMKLOFPLTF 300
DB 241 AAHCRKRTDVFNKVRAGSDKLSFPSLAVAKIIIFBNPMYPKNDIALMKLOFPLTF 300
QY 301 SGTVPICLPFFDELTLPATPLMIIIGWFTKONGGKMSDILLQASVOYIDSTRCNADDA 360
DB 301 SGTVPICLPFFDELTLPATPLMIIIGWFTKONGGKMSDILLQASVOYIDSTRCNADDA 360
QY 361 QGEVTERKMCAGIPEGVDTCQDSSGGPLMYQSDQMHVGIIVSMGIGCGGSPITPGYITKV 420
DB 361 QGEVTERKMCAGIPEGVDTCQDSSGGPLMYQSDQMHVGIIVSMGIGCGGSPITPGYITKV 420
QY 421 SAYLNMWYNWKAEL 435
DB 421 SAYLNMWYNWKAEL 435

RESULT 14
US-10-473-127-1596
Sequence 1596, Application US/10473127
GENERAL INFORMATION:
APPLICANT: Zycos Inc.

TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08191-026W01
CURRENT APPLICATION NUMBER: US/10/473,127
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 60/279,495
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/292,544
PRIOR FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/310,801
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/326,370
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/336,780
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 60/358,985
PRIOR FILING DATE: 2002-02-20
NUMBER OF SEQ ID NOS: 2041
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO: 1596
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
US-10-473-127-1596

Query Match 99.8%; Score 2338; DB 34; Length 435;
Best Local Similarity 99.8%; Pred. No. 7.8e-220;
Matches 434; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDPSDQPLNSLDVPLKPRIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYF 60
DB 1 MDPSDQPLNSLDVPLKPRIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYF 60
QY 61 LCGPLHPIPRKQLCDGLDPLGDEBEHCYKSPFEGPAVAVRLSKDRSTIQVLD SATGN 120
DB 61 LCGPLHPIPRKQLCDGLDPLGDEBEHCYKSPFEGPAVAVRLSKDRSTIQVLD SATGN 120
QY 121 WFSACFDNFTEALTAETACRQMGYSKPTFRAVEIGPDDLDVVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTEALTAETACRQMGYSKPTFRAVEIGPDDLDVVEITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGSKLKTFRVVGGEERASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
DB 181 CLSGSLVSLHCLACGSKLKTFRVVGGEERASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
QY 241 AAHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
DB 241 AAHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
QY 301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOYIDSTRCANADAY 360
DB 301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOYIDSTRCANADAY 360
QY 361 QGEVTERKMCAGIPREGVDTCCGDSGGPLMTQSDQMHVVGIVSMWYGGCGPSTPGVYTKV 420
DB 361 QGEVTERKMCAGIPREGVDTCCGDSGGPLMTQSDQMHVVGIVSMWYGGCGPSTPGVYTKV 420
QY 421 SAYLNMIVYVWRAEL 435
DB 421 SAYLNMIVYVWRAEL 435

RESULT 15
US-11-045-577-6
Sequence 6, Application US/11045577
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
Hillman, Jennifer L.
Yue, Henry
Guegler, Karl J.
Corley, Neil C.
Tang, Tom Y.
Shah, Purvi

TITLE OF INVENTION: HUMAN PROTEASE MOLECULES

NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/11/045,577
FILING DATE: 27-Jan-2005

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/659,151
FILING DATE: 11-Sep-2000

APPLICATION NUMBER: 09/008,271
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Mohan-Peterson, Sheela

REGISTRATION NUMBER: 41,201
REFERENCE/DOCKET NUMBER: PF-0458 US

TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:

LENGTH: 435 amino acids
TYPE: amino acid

STRANDEDNESS: single
TOPOLOGY: linear

IMMEDIATE SOURCE:
LIBRARY: COLNOT13

CLONE: 1337018
SEQUENCE DESCRIPTION: SEQ ID NO: 6 :

Query Match 99.8%; Score 2338; DB 40; Length 435;
Best Local Similarity 99.8%; Pred. No. 7.8e-220;
Matches 434; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDPSDQPLNSLDVPLKPRIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYF 60
DB 1 MDPSDQPLNSLDVPLKPRIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYF 60
QY 61 LCGPLHPIPRKQLCDGLDPLGDEBEHCYKSPFEGPAVAVRLSKDRSTIQVLD SATGN 120
DB 61 LCGPLHPIPRKQLCDGLDPLGDEBEHCYKSPFEGPAVAVRLSKDRSTIQVLD SATGN 120
QY 121 WFSACFDNFTEALTAETACRQMGYSKPTFRAVEIGPDDLDVVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTEALTAETACRQMGYSKPTFRAVEIGPDDLDVVEITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGSKLKTFRVVGGEERASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
DB 181 CLSGSLVSLHCLACGSKLKTFRVVGGEERASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
QY 241 AAHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
DB 241 AAHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
QY 301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOYIDSTRCANADAY 360
DB 301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOYIDSTRCANADAY 360
QY 361 QGEVTERKMCAGIPREGVDTCCGDSGGPLMTQSDQMHVVGIVSMWYGGCGPSTPGVYTKV 420
DB 361 QGEVTERKMCAGIPREGVDTCCGDSGGPLMTQSDQMHVVGIVSMWYGGCGPSTPGVYTKV 420
QY 421 SAYLNMIVYVWRAEL 435

Db 421 SAYINMIYVWKAEL 435

RESULT 16

US-11-183-914-6

Sequence 6, Application US/11183914

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

APPLICANT: Hillman, Jennifer L.

APPLICANT: Yue, Henry

APPLICANT: Guegler, Karl J.

APPLICANT: Corley, Neil C.

APPLICANT: Tang, Tom Y.

TITLE OF INVENTION: HUMAN PROTEASE MOLECULES

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSER: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Dr.

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/11/183,914

FILING DATE: 19-JULY-2005

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/008,271

FILING DATE: 16-Jan-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: <Unknown>

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Mohan-Peterson, Sheela

REGISTRATION NUMBER: 41,201

REFERENCE/DOCKET NUMBER: PF-0458 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-855-0555

TELEFAX: 650-845-4166

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 435 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: COLN00T13

CLONE: 1337018

US-11-183-914-6

Query Match

Best Local Similarity 99.8%; Score 2338; DB 41; Length 435;

Matches 434; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 1 MDPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 60

Db 181 CLSGSLVSLHCLACGSKLTPRVVGGEBASVDSMPWQVSIQYDKQHVCGGSIIDPHWVLT 240

Db 421 SAYINMIYVWKAEL 435

RESULT 17

PCT-US02-09671-1581

Sequence 1581, Application PC/TUS0209671

GENERAL INFORMATION:

APPLICANT: Zycos Inc.

TITLE OF INVENTION: TRANSLATIONAL PROFILING

FILE REFERENCE: 08191-026M01

CURRENT APPLICATION NUMBER: PCT/US02/09671

CURRENT FILING DATE: 2002-03-28

PRIOR APPLICATION NUMBER: 60/279,495

PRIOR FILING DATE: 2001-03-28

PRIOR APPLICATION NUMBER: 60/292,544

PRIOR FILING DATE: 2001-05-21

PRIOR APPLICATION NUMBER: 60/310,801

PRIOR FILING DATE: 2001-08-08

PRIOR APPLICATION NUMBER: 60/326,370

PRIOR FILING DATE: 2001-10-01

PRIOR APPLICATION NUMBER: 60/336,780

PRIOR FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: 60/358,985

PRIOR FILING DATE: 2002-02-20

NUMBER OF SEQ ID NOS: 2041

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 1581

LENGTH: 437

TYPE: PRT

ORGANISM: Homo sapiens

PCT-US02-09671-1581

Query Match

Best Local Similarity 99.8%; Score 2337; DB 1; Length 437;

Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 2 DPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 61

Db 4 DPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASITIVVLIKILDKYYF 63

Db 62 CGQPLHFIPIRQKQCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLDATGNW 121

Db 64 CGQPLHFIPIRQKQCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLDATGNW 123

Db 122 FSACFDNFTALTAETACROMGYSKPTFRVAEIGPDODLVEITENSQELRMKNSGSPC 181

Db 124 FSACFDNFTALTAETACROMGYSKPTFRVAEIGPDODLVEITENSQELRMKNSGSPC 183

Db 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSMPWQVSIQYDKQHVCGGSIIDPHWVLT 241

Db 184 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSMPWQVSIQYDKQHVCGGSIIDPHWVLT 243

Db 242 AHCRRKHTDVFNKVRAGSDKLGSPSLAVAKIIIEFPNPKNDIALMKLQFPPLTF 301

Db 244 AHCRRKHTDVFNKVRAGSDKLGSPSLAVAKIIIEFPNPKNDIALMKLQFPPLTF 303

QY	302	GTWRPCLPFPDELLPATPLMTIGGFTKONGKMSDILQASVQVDSRNCADAYQ	361
		N	
Db	304	GTWRPCLPFPDELLPATPLMTIGGFTKONGKMSDILQASVQVDSRNCADAYQ	363
QY	362	SEVTEKMKMGAPBEGGVTRCGSDSGAPLMTYQSDQMHVGVISWVGCGGSPSTPGVYTKVS	421
Db	364	GEVTEKMKMGAPBEGGVTRCGSDSGAPLMTYQSDQMHVGVISWVGCGGSPSTPGVYTKVS	423
QY	422	AYLNMVYNVWKAEL	435
Db	424	AYLNMVYNVWKAEL	437

```

RESULT 18
PCT-US02-09671-1586
; Sequence 1586, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/346,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 1586
; LENGTH: 437
; TYPE: PRF
; ORGANISM: Homo sapiens
PCT-US02-09671-1586

```

Query Match 99.8%; Score 2337; DB 1; Length 437;

Qy	2	DPDSOQPLNSLVKPLRKPRIRIMEPTEARKGIPILIMLSIASTIIIVVLKILVLDKXYFL	61
Db	4	DDDSOQPLNSLVKPLRKPRIRIMEPTEARKGIPILIMLSIASTIIIVVLKILVLDKXYFL	63
Qy	62	CGQPLHFIPRKOLCDGELDCPLGEBDEHCVKSPFEPGPAVAVRLSKORSTLOVLDSATGNM	121
Db	64	CGQPLHFIPRKOLCDGELDCPLGEBDEHCVKSPFEPGPAVAVRLSKORSTLOVLDSATGNM	123
Qy	122	FSACPDNFTTEALAEFACROMGYSSKFTFPAVEIGPQODLDVVEITENSOELRRNNSGPC	181
Db	124	FSACPDNFTTEALAEFACROMGYSSKFTFPAVEIGPQODLDVVEITENSOELRRNNSGPC	183
Qy	182	LSGSLVSLHCLACGSKLKTPRVVGGEASVDSMPQVSIQYDQKHCGGSIIDPHWVLTN	241
Db	184	LSGSLVSLHCLACGSKLKTPRVVGGEASVDSMPQVSIQYDQKHCGGSIIDPHWVLTN	243
Qy	242	AHCFRKHGTVPFNKMWAGSDKLSGSPSLVAVKIIIEFNPMYKXNDIALMKLOPFLTES	301
Db	244	AHCFRKHGTVPFNKMWAGSDKLSGSPSLVAVKIIIEFNPMYKXNDIALMKLOPFLTES	303
Qy	302	GTIVRPICLPPFDEELTPATPLWIIIGGFTKONGGKNSDIILOASVOYIDSTRCANADAYQ	361
Db	304	GTIVRPICLPPFDEELTPATPLWIIIGGFTKONGGKNSDIILOASVOYIDSTRCANADAYQ	363
Qy	362	GEYTEKONMCAGIPBEGVDTCQGSOGGPAWQSOOMHYVGVSMGSGGGGSGTSGVYTKVS	421
Db	364	GEYTEKONMCAGIPBEGVDTCQGSOGGPAWQSOOMHYVGVSMGSGGGGSGTSGVYTKVS	423

Qy	422	AYLNWIYNVWKAEL	435
Db	424	AYLNWIYNVWKAEL	437

```

RESULT 19
PCT-US02-09671-1601
; Sequence 1601, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1601
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1601

```

Query Match	99.8%	Score 2337	DB 1	Length 437
Best Local Similarity	100.0%	Pred. No. 9.9e-220		
Matches 434	Conservative 0	Mismatches 0	Indels 0	Gaps 0

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0Y      2 DDDSDQPLNSLDVKEFLRKRRIEMETFRKVGIPILIALSLASIIIVVLKVLIDKXYFL 61
Db      4 DDDSDQPLNSLDVKEFLRKRRIEMETFRKVGIPILIALSLASIIIVVLKVLIDKXYFL 63
0Y      62 CGQPLHFIERKQDCGEILDCPLGEDEBEHCVKSPFEGPAVAVRISKORSTLYQVILDSATGNW 121
Db      64 CGQPLHFIERKQDCGEILDCPLGEDEBEHCVKSPFEGPAVAVRISKORSTLYQVILDSATGNW 123
0Y      122 F6ACFDNFI6EALAE7RACRQMGYS5KPTFEAVETGPODILDVYETENSOELMRNNSGPC 184
Db      124 F6ACFDNFI6EALAE7RACRQMGYS5KPTFEAVETGPODILDVYETENSOELMRNNSGPC 183
0Y      182 L6SGSVLSLHCLACGKSLKTPRVVYGGEBAVD5MPOVSIOYDKQHCYCGSILDPHWLTA 241
Db      184 L6SGSVLSLHCLACGKSLKTPRVVYGGEBAVD5MPOVSIOYDKQHCYCGSILDPHWLTA 243
0Y      242 AHCFRKH7DVENWKVAVAGSDKLGSFPSLAVAKIIIEFNPMYRKNDIALMKQFPLTFS 301
Db      244 AHCFRKH7DVENWKVAVAGSDKLGSFPSLAVAKIIIEFNPMYRKNDIALMKQFPLTFS 303
0Y      302 G4VRPPLCLPFPPBELTPATPLMTIGGFTKONGKXSDILLOASVOYIBSTRCNADAYQ 361
Db      304 G4VRPPLCLPFPPBELTPATPLMTIGGFTKONGKXSDILLOASVOYIBSTRCNADAYQ 362
0Y      362 GEVTEKMCAGIP6EGVDTCQ6D5GGPPLMYQSDQMHVGI5V5MGYCGG6STPGVYTKVS 421
Db      364 GEVTEKMCAGIP6EGVDTCQ6D5GGPPLMYQSDQMHVGI5V5MGYCGG6STPGVYTKVS 423
0Y      422 AY1NMTIYNWKAEL 435
Db      424 AY1NMTIYNWKAEL 437

```

RESULT 20

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PCT-US02-09671-1602
; Sequence 1602, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1602
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1602

Query Match
Best Local Similarity 99.8%; Score 2337; DB 1; Length 437;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVKKPRKPRIMETFRKVGIPITIALSLASITIVVVLKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVKKPRKPRIMETFRKVGIPITIALSLASITIVVVLKVIIDKXYFL 63
QY 62 CGQPLHFIRKQKLCGEIDCPLGEBDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFIRKQKLCGEIDCPLGEBDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACPDNFTFALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPG 181
DB 124 FSACPDNFTFALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPG 183
QY 182 LSGSLVSIHCLACGSLKTPRVVGGEEASVDSWPMQVSIQDKQHVCGSILDPHWLTA 241
DB 184 LSGSLVSIHCLACGSLKTPRVVGGEEASVDSWPMQVSIQDKQHVCGSILDPHWLTA 243
QY 242 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLQPLTFS 301
DB 244 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLQPLTFS 303
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 304 GTVRPCLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOYIDSTRCNADAYQ 363
QY 362 GEVTERKMCAGIPRGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGPGSTPGVYTKVS 421
DB 364 GEVTERKMCAGIPRGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGPGSTPGVYTKVS 423
QY 422 AYLMNIYVWKAEL 435
DB 424 AYLMNIYVWKAEL 437

RESULT 21
PCT-US02-19297-89
; Sequence 89, Application PC/TUS0219297
; GENERAL INFORMATION:
; APPLICANT: Mack, David H.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Eos Biotechnology Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Ovarian Cancer, Compositions
```

```
; TITLE OF INVENTION: Cancer
; FILE REFERENCE: 018501-002420PC
; CURRENT APPLICATION NUMBER: PCT/US02/19297
; PRIOR FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 60/299,234
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/315,287
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/317,544
; PRIOR FILING DATE: 2001-09-05
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/372,246
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patentn Ver. 2.1
; SEQ ID NO 89
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-19297-89

Query Match
Best Local Similarity 99.8%; Score 2337; DB 1; Length 437;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVKKPRKPRIMETFRKVGIPITIALSLASITIVVVLKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVKKPRKPRIMETFRKVGIPITIALSLASITIVVVLKVIIDKXYFL 63
QY 62 CGQPLHFIRKQKLCGEIDCPLGEBDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFIRKQKLCGEIDCPLGEBDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACPDNFTFALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPG 181
DB 124 FSACPDNFTFALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPG 183
QY 182 LSGSLVSIHCLACGSLKTPRVVGGEEASVDSWPMQVSIQDKQHVCGSILDPHWLTA 241
DB 184 LSGSLVSIHCLACGSLKTPRVVGGEEASVDSWPMQVSIQDKQHVCGSILDPHWLTA 243
QY 242 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLQPLTFS 301
DB 244 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLQPLTFS 303
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 304 GTVRPCLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOYIDSTRCNADAYQ 363
QY 362 GEVTERKMCAGIPRGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGPGSTPGVYTKVS 421
DB 364 GEVTERKMCAGIPRGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGPGSTPGVYTKVS 423
QY 422 AYLMNIYVWKAEL 435
DB 424 AYLMNIYVWKAEL 437

RESULT 22
PCT-US04-21227-7
; Sequence 7, Application PC/TUS0421227
; GENERAL INFORMATION:
; APPLICANT: diadexus, Inc.
; APPLICANT: Vartanian, Steffan
; APPLICANT: Macina, Roberto
; TITLE OF INVENTION: Compositions, Splice Variants and Methods Relating to Ovarian Spec
; FILE REFERENCE: DEX-0500
; CURRENT APPLICATION NUMBER: PCT/US04/21227
```

PRIOR APPLICATION NUMBER: US 60/484,440
PRIOR FILING DATE: 2003-06-30
PRIOR APPLICATION NUMBER: US 60/484,500
PRIOR FILING DATE: 2003-06-30
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 437
TYPE: PRT
ORGANISM: Homo sapiens
PCT-US04-21227-7

Query Match 99.8%; Score 2337; DB 1; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220; Indels 0; Gaps 0;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPLHPIPRKQICDGLDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLOVLSATGNW 121
DB 64 CGQPLHPIPRKQICDGLDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLOVLSATGNW 123
QY 122 FSACPDNTEALATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNRSQPC 181
DB 124 FSACPDNTEALATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNRSQPC 183
QY 182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMVTLA 241
DB 184 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMVTLA 243
QY 242 AHCFRKHIDVENMKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 301
DB 244 AHCFRKHIDVENMKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 303
QY 302 GTVRPICLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVLDSTRCNADDAVQ 361
DB 304 GTVRPICLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVLDSTRCNADDAVQ 363
QY 362 GEVTEKMMACGIPREGVDTCCGDSGGLPMYOSDQMHVVGIVSMGCGGSPSTPGYTTYS 421
DB 364 GEVTEKMMACGIPREGVDTCCGDSGGLPMYOSDQMHVVGIVSMGCGGSPSTPGYTTYS 423
QY 422 AYLMNIYVWKAEI 435
DB 424 AYLMNIYVWKAEI 437

RESULT 23
PCT-US04-38689-7
Sequence 7, Application PC/TUS0438689
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Polakis, Paul
APPLICANT: Smith, Victoria
APPLICANT: Wood, William I.
APPLICANT: Wu, Thomas D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TREATMENT OF TUMOR
FILE REFERENCE: P503781-PCT
CURRENT APPLICATION NUMBER: PCT/US04/38689
PRIOR FILING DATE: 2004-11-17
PRIOR APPLICATION NUMBER: US 60/523,856
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 10
SEQ ID NO 7
LENGTH: 437
TYPE: PRT

ORGANISM: Homo sapiens
PCT-US04-38689-7

Query Match 99.8%; Score 2337; DB 1; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220; Indels 0; Gaps 0;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPLHPIPRKQICDGLDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLOVLSATGNW 121
DB 64 CGQPLHPIPRKQICDGLDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLOVLSATGNW 123
QY 122 FSACPDNTEALATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNRSQPC 181
DB 124 FSACPDNTEALATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNRSQPC 183
QY 182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMVTLA 241
DB 184 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMVTLA 243
QY 242 AHCFRKHIDVENMKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 301
DB 244 AHCFRKHIDVENMKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 303
QY 302 GTVRPICLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVLDSTRCNADDAVQ 361
DB 304 GTVRPICLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVLDSTRCNADDAVQ 363
QY 362 GEVTEKMMACGIPREGVDTCCGDSGGLPMYOSDQMHVVGIVSMGCGGSPSTPGYTTYS 421
DB 364 GEVTEKMMACGIPREGVDTCCGDSGGLPMYOSDQMHVVGIVSMGCGGSPSTPGYTTYS 423
QY 422 AYLMNIYVWKAEI 435
DB 424 AYLMNIYVWKAEI 437

RESULT 24
US-10-173-999-89
Sequence 89, Application US/10173999
GENERAL INFORMATION:
APPLICANT: Mack, David H.
APPLICANT: Gish, Kurt C.
TITLE OF INVENTION: Methods of Diagnosis of Ovarian Cancer, Compositions
and Methods of Screening for Modulators of Ovarian
TITLE OF INVENTION: Cancer
FILE REFERENCE: 018501-002420US
CURRENT APPLICATION NUMBER: US/10/173,999
CURRENT FILING DATE: 2002-06-17
PRIOR APPLICATION NUMBER: US 60/299,234
PRIOR FILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: US 60/315,287
PRIOR FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: US 60/350,666
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/372,246
PRIOR FILING DATE: 2001-04-12
NUMBER OF SEQ ID NOS: 163
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 89
LENGTH: 437
TYPE: PRT
ORGANISM: Homo sapiens
US-10-173-999-89

Query Match 99.8%; Score 2337; DB 1; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220; Indels 0; Gaps 0;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;


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QY      2 DEDSQOPNSLDVFKLRKPRIPMETFRKVGIPITIIALLSLASITIVVILIKVILDKRYFL 61
Db      4 DEDSQOPNSLDVFKLRKPRIPMETFRKVGIPITIIALLSLASITIVVILIKVILDKRYFL 63
QY      62 CGQPLHFIPIRQKCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 12
Db      64 CGQPLHFIPIRQKCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 12
QY      122 PSACPDNTEALAEFACQOMGYSSKPTRAVEIGPDQDLVEITENSQELRMENSSGPC 181
Db      124 PSACPDNTEALAEFACQOMGYSSKPTRAVEIGPDQDLVEITENSQELRMENSSGPC 183
QY      182 LSGSLVSIHCLACGKSLKTPRVVGGEASVDSWPMQVSIQYDKQHVCGSGLTDHFWLTA 24
Db      184 LSGSLVSIHCLACGKSLKTPRVVGGEASVDSWPMQVSIQYDKQHVCGSGLTDHFWLTA 24
QY      242 AHCRRKHVDVNMVVRAGSDPLGSPFSLAVAKIIIEFNPMYPRXNDIALMKLQPLTFS 301
Db      244 AHCRRKHVDVNMVVRAGSDPLGSPFSLAVAKIIIEFNPMYPRXNDIALMKLQPLTFS 303
QY      302 GYVAPICLPFDEBELTATPLMIIGWGPFTKONGKMSDILLOASVQVYDSTRCANADAYQ 361
Db      304 GYVAPICLPFDEBELTATPLMIIGWGPFTKONGKMSDILLOASVQVYDSTRCANADAYQ 363
QY      362 GEYTERKMKCGIPBGGVDTQCGSDGGFLMTQSDQMHVGVISWVGCGGSPSTGGVYTKYS 421
Db      364 GEYTERKMKCGIPBGGVDTQCGSDGGFLMTQSDQMHVGVISWVGCGGSPSTGGVYTKYS 423
QY      422 AYLNWITNVWKAEL 435
Db      424 AYLNWITNVWKAEL 437

RESULT 25
US-10-295-027-779
; Sequence 779, Application US/10295027
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natabha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevesi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295, 027
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663, 733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350, 666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335, 394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332, 464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334, 393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340, 376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347, 211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347, 349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355, 250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356, 714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.

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: NUMBER OF SEQ ID NOS: 1386
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 779
: LENGTH: 437
: TYPE: PRT
: ORGANISM: Homo sapiens
US-10-295-027-779

Query Match          99.8%; Score 2337; DB 32; Length 437;
Best Local Similarity 100.0%; Fred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 DEDSDQPLNSLDVKKPLRKPRIPMETEFKRGVPIITIALSLASIIIVVLIKIVLIDKXYEL 61
DB      4 DEDSDQPLNSLDVKKPLRKPRIPMETEFKRGVPIITIALSLASIIIVVLIKIVLIDKXYEL 63
QY      62 CGQPLHFIIPRKQLCGEGLDCEPGEDEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 121
DB      64 CGQPLHFIIPRKQLCGEGLDCEPGEDEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 123
QY      122 FSACDFNFTALAEATACROMGYSKPTPRAVEIGPDQDLDAVEITENSQELRMNNSGSPC 181
DB      124 FSACDFNFTALAEATACROMGYSKPTPRAVEIGPDQDLDAVEITENSQELRMNNSGSPC 183
QY      182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSPWQVSIQYDKQHYCGGSLIDPHWVLT 241
DB      184 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSPWQVSIQYDKQHYCGGSLIDPHWVLT 243
QY      242 AHCFKHTDVENMKVRASDGLGSPPLAVAKIIIEPNPYPNDNIALMKQFPLTFS 301
DB      244 AHCFKHTDVENMKVRASDGLGSPPLAVAKIIIEPNPYPNDNIALMKQFPLTFS 303
QY      302 GTVPRTCLPFDEELTPATPLMIIGWFTQNGGKMSDILLOASVQVYIDSTRCANADAYQ 361
DB      304 GTVPRTCLPFDEELTPATPLMIIGWFTQNGGKMSDILLOASVQVYIDSTRCANADAYQ 363
QY      362 GEVTEKMKACGIPREGVDTCCGDSGSLMTQSDQMHVYGVISNGYGGGSPSTGVYTKVS 421
DB      364 GEVTEKMKACGIPREGVDTCCGDSGSLMTQSDQMHVYGVISNGYGGGSPSTGVYTKVS 423
QY      422 AYLNMIYVWKAEL 435
DB      424 AYLNMIYVWKAEL 437

RESULT 26
US-10-295-027-791
: Sequence 791, Application US/10295027
: GENERAL INFORMATION:
: APPLICANT: Afar, Daniel
: APPLICANT: Afiz, Natasha
: APPLICANT: Ginsberg, Wendy M.
: APPLICANT: Glash, Kurt C.
: APPLICANT: Glynn, Richard
: APPLICANT: Hevezi, Peter A.
: APPLICANT: Mack, David H.
: APPLICANT: Murray, Richard
: APPLICANT: Watson, Susan R.
: APPLICANT: Bos Biotechnology, Inc.
: TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
: FILE REFERENCE: 018501-012500US
: CURRENT APPLICATION NUMBER: US/10/295,027
: PRIOR FILING DATE: 2002-11-13
: PRIOR APPLICATION NUMBER: US 09/663,733
: PRIOR FILING DATE: 2000-09-15
: PRIOR APPLICATION NUMBER: US 60/350,666
: PRIOR FILING DATE: 2001-11-13
: PRIOR APPLICATION NUMBER: US 60/335,394
: PRIOR FILING DATE: 2001-11-15
: PRIOR APPLICATION NUMBER: US 60/332,464
: PRIOR FILING DATE: 2001-11-21
: PRIOR APPLICATION NUMBER: US 60/334,393

```

```

; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 791
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-791

Query Match          99.8%; Score 2337; DB 32; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPRKRPRIPIIITALLSLASIIIVVILKIVLDKXYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPIIITALLSLASIIIVVILKIVLDKXYFL 63
QY 62 CGOPLHFIPIKQOLCGELDCPLGEBDEHCYKSPFEGPAVAARLSKDRSTLOYLSATGNW 121
DB 64 CGOPLHFIPIKQOLCGELDCPLGEBDEHCYKSPFEGPAVAARLSKDRSTLOYLSATGNW 123
QY 122 FSACPDNFTALAEATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELMRNSSGPC 181
DB 124 FSACPDNFTALAEATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELMRNSSGPC 183
QY 182 LSGSLVSIHCLACGSLKTPRVGGEASVDSMPQVSIQYDKQHVCGSILDPHMLVLA 241
DB 184 LSGSLVSIHCLACGSLKTPRVGGEASVDSMPQVSIQYDKQHVCGSILDPHMLVLA 243
QY 242 AHCFKHTDVFNMKVRASDGLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 301
DB 244 AHCFKHTDVFNMKVRASDGLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 303
QY 302 GTVRPICIPIFPDEBELTPATPLMIIGMFTKQNGKMSDILLQASVOVIDSTRCNADDAVQ 361
DB 304 GTVRPICIPIFPDEBELTPATPLMIIGMFTKQNGKMSDILLQASVOVIDSTRCNADDAVQ 363
QY 362 GEVTEKMMACGIPBEGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 421
DB 364 GEVTEKMMACGIPBEGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 423
QY 422 AYLNMIYVWKAEI 435
DB 424 AYLNMIYVWKAEI 437

RESULT 27
US-10-295-027-831
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natsaba
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevizi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of diagnosis of Cancer, Compositions and
; TITLE OF INVENTION: Methods of Screening for Modulators of Cancer

```

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; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 831
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-831

Query Match          99.8%; Score 2337; DB 32; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPRKRPRIPIIITALLSLASIIIVVILKIVLDKXYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPIIITALLSLASIIIVVILKIVLDKXYFL 63
QY 62 CGOPLHFIPIKQOLCGELDCPLGEBDEHCYKSPFEGPAVAARLSKDRSTLOYLSATGNW 121
DB 64 CGOPLHFIPIKQOLCGELDCPLGEBDEHCYKSPFEGPAVAARLSKDRSTLOYLSATGNW 123
QY 122 FSACPDNFTALAEATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELMRNSSGPC 181
DB 124 FSACPDNFTALAEATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELMRNSSGPC 183
QY 182 LSGSLVSIHCLACGSLKTPRVGGEASVDSMPQVSIQYDKQHVCGSILDPHMLVLA 241
DB 184 LSGSLVSIHCLACGSLKTPRVGGEASVDSMPQVSIQYDKQHVCGSILDPHMLVLA 243
QY 242 AHCFKHTDVFNMKVRASDGLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 301
DB 244 AHCFKHTDVFNMKVRASDGLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 303
QY 302 GTVRPICIPIFPDEBELTPATPLMIIGMFTKQNGKMSDILLQASVOVIDSTRCNADDAVQ 361
DB 304 GTVRPICIPIFPDEBELTPATPLMIIGMFTKQNGKMSDILLQASVOVIDSTRCNADDAVQ 363
QY 362 GEVTEKMMACGIPBEGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 421
DB 364 GEVTEKMMACGIPBEGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 423
QY 422 AYLNMIYVWKAEI 435
DB 424 AYLNMIYVWKAEI 437

RESULT 28
US-10-295-027-1196
; Sequence 1196, Application US/10295027
; GENERAL INFORMATION:

```

```

; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glyme, Richard
; APPLICANT: Hevez, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 1196
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-1196

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```

Query Match          99.8%; Score 2337; DB 32; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 2 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 61
DB 4 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 63
QY 62 CGQPLHPIPRKQLCDGEIDCPLGDEDEHCVKSPFEGPAVAVRLSKORSTLOVDSATGNM 121
DB 64 CGQPLHPIPRKQLCDGEIDCPLGDEDEHCVKSPFEGPAVAVRLSKORSTLOVDSATGNM 123
QY 122 PSACFDNTEALAEATACRQMGYSKPTFRAVEIGPDDDLVVEITENSQELRMNNSGPGC 181
DB 124 PSACFDNTEALAEATACRQMGYSKPTFRAVEIGPDDDLVVEITENSQELRMNNSGPGC 183
QY 182 LSGSLVSLHCLACCKSLKTPRVVGGEEASVDSWPMQVSIQYDKOHVCGSSIIDPHVWVLA 241
DB 184 LSGSLVSLHCLACCKSLKTPRVVGGEEASVDSWPMQVSIQYDKOHVCGSSIIDPHVWVLA 243
QY 242 AHCRKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNMPYKNDIALMKLQPLTFPS 301
DB 244 AHCRKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNMPYKNDIALMKLQPLTFPS 303
QY 302 GTVRPILCPFDEBELPATPLMIIGWFTKONGGKMSDILLQASVOVITSTRCNADDAVQ 361
DB 304 GTVRPILCPFDEBELPATPLMIIGWFTKONGGKMSDILLQASVOVITSTRCNADDAVQ 363
QY 362 GEVTERKMCAGIEBGGVDTCCGDSGGLPMYQSDQMHVVGIVSWGCGGSPSTPGYTTKVS 421

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DB 364 GEVTERKMCAGIEBGGVDTCCGDSGGLPMYQSDQMHVVGIVSWGCGGSPSTPGYTTKVS 423
QY 422 AYLNWITVWKAEL 435
DB 424 AYLNWITVWKAEL 437

```

```

RESULT 29
US-10-473-127-1581
; Sequence 1581, Application US/10473127
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: US/10/473,127
; PRIOR FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 1581
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-473-127-1581

```

```

Query Match          99.8%; Score 2337; DB 34; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 61
DB 4 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 63
QY 62 CGQPLHPIPRKQLCDGEIDCPLGDEDEHCVKSPFEGPAVAVRLSKORSTLOVDSATGNM 121
DB 64 CGQPLHPIPRKQLCDGEIDCPLGDEDEHCVKSPFEGPAVAVRLSKORSTLOVDSATGNM 123
QY 122 PSACFDNTEALAEATACRQMGYSKPTFRAVEIGPDDDLVVEITENSQELRMNNSGPGC 181
DB 124 PSACFDNTEALAEATACRQMGYSKPTFRAVEIGPDDDLVVEITENSQELRMNNSGPGC 183
QY 182 LSGSLVSLHCLACCKSLKTPRVVGGEEASVDSWPMQVSIQYDKOHVCGSSIIDPHVWVLA 241
DB 184 LSGSLVSLHCLACCKSLKTPRVVGGEEASVDSWPMQVSIQYDKOHVCGSSIIDPHVWVLA 243
QY 242 AHCRKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNMPYKNDIALMKLQPLTFPS 301
DB 244 AHCRKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNMPYKNDIALMKLQPLTFPS 303
QY 302 GTVRPILCPFDEBELPATPLMIIGWFTKONGGKMSDILLQASVOVITSTRCNADDAVQ 361
DB 304 GTVRPILCPFDEBELPATPLMIIGWFTKONGGKMSDILLQASVOVITSTRCNADDAVQ 363
QY 362 GEVTERKMCAGIEBGGVDTCCGDSGGLPMYQSDQMHVVGIVSWGCGGSPSTPGYTTKVS 421
DB 364 GEVTERKMCAGIEBGGVDTCCGDSGGLPMYQSDQMHVVGIVSWGCGGSPSTPGYTTKVS 423
QY 422 AYLNWITVWKAEL 435
DB 424 AYLNWITVWKAEL 437

```

```

RESULT 30
US-10-473-127-1586
; Sequence 1586, Application US/10473127
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: US/10/473,127
; CURRENT FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1586
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-473-127-1586

Query Match          99.8%; Score 2337; DB 34; Length 437;
Best Local Similarity 100.0%; Pred. No. 9,9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 61
DB 4 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 63
QY 62 CGQPLHFIIPKQLODGEIDCPLEGDEBHCYVSPFEGPAVAVRLSKDSTLQVLSATGNW 121
DB 64 CGQPLHFIIPKQLODGEIDCPLEGDEBHCYVSPFEGPAVAVRLSKDSTLQVLSATGNW 123
QY 122 FSACPDNTEALATACAGMSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 181
DB 124 FSACPDNTEALATACAGMSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 183
QY 182 LSGSLVSLHCLACGSLKTPRVVGEEBASVDSWPMQVSIQYDKQHCYSGSILDPHMLTA 241
DB 184 LSGSLVSLHCLACGSLKTPRVVGEEBASVDSWPMQVSIQYDKQHCYSGSILDPHMLTA 243
QY 242 AHCFRKHTDVNMKVRASGDLGSPSLAVAKIIIIIEPNMYPKNDIALMKLQPLTF 301
DB 244 AHCFRKHTDVNMKVRASGDLGSPSLAVAKIIIIIEPNMYPKNDIALMKLQPLTF 303
QY 302 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVDSITRCNADDA 361
DB 304 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVDSITRCNADDA 363
QY 362 GEVTEKMMACAGIPREGGVDTCCGDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGVYTK 421
DB 364 GEVTEKMMACAGIPREGGVDTCCGDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGVYTK 423
QY 422 AYLNMIYVMKAE 435
DB 424 AYLNMIYVMKAE 437

```

```

; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: US/10/473,127
; CURRENT FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1601
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-473-127-1601

Query Match          99.8%; Score 2337; DB 34; Length 437;
Best Local Similarity 100.0%; Pred. No. 9,9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 61
DB 4 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 63
QY 62 CGQPLHFIIPKQLODGEIDCPLEGDEBHCYVSPFEGPAVAVRLSKDSTLQVLSATGNW 121
DB 64 CGQPLHFIIPKQLODGEIDCPLEGDEBHCYVSPFEGPAVAVRLSKDSTLQVLSATGNW 123
QY 122 FSACPDNTEALATACAGMSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 181
DB 124 FSACPDNTEALATACAGMSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 183
QY 182 LSGSLVSLHCLACGSLKTPRVVGEEBASVDSWPMQVSIQYDKQHCYSGSILDPHMLTA 241
DB 184 LSGSLVSLHCLACGSLKTPRVVGEEBASVDSWPMQVSIQYDKQHCYSGSILDPHMLTA 243
QY 242 AHCFRKHTDVNMKVRASGDLGSPSLAVAKIIIIIEPNMYPKNDIALMKLQPLTF 301
DB 244 AHCFRKHTDVNMKVRASGDLGSPSLAVAKIIIIIEPNMYPKNDIALMKLQPLTF 303
QY 302 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVDSITRCNADDA 361
DB 304 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVDSITRCNADDA 363
QY 362 GEVTEKMMACAGIPREGGVDTCCGDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGVYTK 421
DB 364 GEVTEKMMACAGIPREGGVDTCCGDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGVYTK 423
QY 422 AYLNMIYVMKAE 435
DB 424 AYLNMIYVMKAE 437

```

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RESULT 31
US-10-473-127-1601
; Sequence 1601, Application US/10473127
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING

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RESULT 32
US-10-473-127-1602
; Sequence 1602, Application US/10473127
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: US/10/473,127
; CURRENT FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21

```

```

? PRIOR APPLICATION NUMBER: 60/310,801
? PRIOR FILING DATE: 2001-08-08
? PRIOR APPLICATION NUMBER: 60/326,370
? PRIOR FILING DATE: 2001-10-01
? PRIOR APPLICATION NUMBER: 60/336,780
? PRIOR FILING DATE: 2001-12-04
? PRIOR APPLICATION NUMBER: 60/358,985
? PRIOR FILING DATE: 2002-02-20
? NUMBER OF SEQ ID NOS: 2041
? SOFTWARE: FASTSEQ For Windows Version 4.0
? SEQ ID NO 1637
? LENGTH: 437
? TYPE: PRT
? ORGANISM: Homo sapiens
US-10-473-127-1602

```

Query Match	99.8%	Score 2337	DB 34	Length 437
Best Local Similarity	100.0%	Pred. No. 9.9e-220		
Matches 434; Conservative	0	Mismatches	0	Indels 0
				Gaps 0

QY	2	DPDSQPLNSLDVYPLKRPRIEMETPRKVGPIITIALSLASTIIYVVLIKYILDKYYFL	61
Db	4	DPDSQPLNSLDVYPLKRPRIEMETPRKVGPIITIALSLASTIIYVVLIKYILDKYYFL	63
QY	62	CGOPLHPIPRKOLCDGELDCPLGDEBHCYKSEPEEGAVAVRLSKSRSTLOVLSATGNW	12
Db	64	CGOPLHPIPRKOLCDGELDCPLGDEBHCYKSEPEEGAVAVRLSKSRSTLOVLSATGNW	122
QY	122	FSACPDNTEMLATATACRQMGYSKSPFRPAVEIGPDODLVEITENSQELMRNSSGPC	18
Db	124	FSACPDNTEMLATATACRQMGYSKSPFRPAVEIGPDODLVEITENSQELMRNSSGPC	182
QY	182	LSGSIIVSLHCLACGSKSLKTPRVVGGEEASVDSWPMOVSIOYKHONCGSIIIDPHMVT	24
Db	184	LSGSIIVSLHCLACGSKSLKTPRVVGGEEASVDSWPMOVSIOYKHONCGSIIIDPHMVT	242
QY	242	AHCRKKTDPVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYRKONDIALMKLOPPLTFS	30
Db	244	AHCRKKTDPVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYRKONDIALMKLOPPLTFS	302
QY	302	GTVAPICLPFDEBELFATPLMIITGGFTKONGGKMSDIILOASVOVDSRNCADNAYO	36
Db	304	GTVAPICLPFDEBELFATPLMIITGGFTKONGGKMSDIILOASVOVDSRNCADNAYO	362
QY	362	GEVTEKMKCAGIEGGVDITCOGDSGGRLMYOSDOMHHVVGIVSWGCGGSPSTPGVYTKVS	42
Db	364	GEVTEKMKCAGIEGGVDITCOGDSGGRLMYOSDOMHHVVGIVSWGCGGSPSTPGVYTKVS	422
QY	422	AYLNMVIYNWKAEL	435
Db	424	AYLNMVIYNWKAEL	437

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RESULT 33
US-10-991-287-7
; Sequence 7, Application US/10991287
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gueney, Austrey L.
; APPLICANT: Polakis, Paul
; APPLICANT: Smith, Victoria
; APPLICANT: Wood, William I.
; APPLICANT: Wu, Thomas D.
; APPLICANT: 'Zhang, Zemin
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF TUMOR
; FILE REFERENCE: p5b37r1-US
; CURRENT APPLICATION NUMBER: US/10/991,287
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: US 60/523,856
; PRIOR FILING DATE: 2003-11-20
; NUMBER OF SEQ ID NOS: 10

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; SEQ ID NO 7
; LENGTH: 437
; TYPE: prt
; ORGANISM: Homo sapiens
US-10-991-287-7

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Query Match	99.8%;	Score 2337;	DB 39;	Length 437;
Best Local Similarity	100.0%;	Pred. No. 9.9e-220;		
Matches 434;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy	2	DPDSQPLNSLDVYKPLKKPRIPMETPFKXGIPITIIALLSLASTIIVYULIKYILDKYFL	61
Db	4	DPDSQPLNSLDVYKPLKKPRIPMETPFKXGIPITIIALLSLASTIIVYULIKYILDKYFL	63
Qy	62	CGQPLHPIPRKQDCGELDCPLGDEBHCYKSPFEGPAAVAVRLSKRSTLYLDSATGNW	12
Db	64	CGQPLHPIPRKQDCGELDCPLGDEBHCYKSPFEGPAAVAVRLSKRSTLYLDSATGNW	12:
Qy	122	FSACPDNTEMLAATAKRMGYSKSTPFRAVEIGRPQDLDVEITENSQELMRNSSGPC	18
Db	124	FSACPDNTEMLAATAKRMGYSKSTPFRAVEIGRPQDLDVEITENSQELMRNSSGPC	18:
Qy	182	LSGSLVSLHCLACGSKSLKTPRVYVGGSEASVDSWPMQVSYQDKQVCGSILIDPHWVTLTA	24
Db	184	LSGSLVSLHCLACGSKSLKTPRVYVGGSEASVDSWPMQVSYQDKQVCGSILIDPHWVTLTA	24:
Qy	242	AHCRKRTIDVFNMKVTRAGSDKLGSPSLAVAKIIIEFNMYPRKNDITALKLOPPLIFS	30
Db	244	AHCRKRTIDVFNMKVTRAGSDKLGSPSLAVAKIIIEFNMYPRKNDITALKLOPPLIFS	30:
Qy	302	GTVAPICLPFDEBELPATPRMLIIGMFTKONGKGMOSDILLOASQVUIDSTRCANADAYQ	36
Db	304	GTVAPICLPFDEBELPATPRMLIIGMFTKONGKGMOSDILLOASQVUIDSTRCANADAYQ	36:
Qy	362	GEVTEKMCAGIPEGGVDTCCGDSGGRPLMYOSQDQWVVGVISMGVCGGSPSTPGVYTKVS	42
Db	364	GEVTEKMCAGIPEGGVDTCCGDSGGRPLMYOSQDQWVVGVISMGVCGGSPSTPGVYTKVS	42:
Qy	422	AYINWYINWYKAEI	435
Db	424	AYINWYINWYKAEI	437

```

RESULT 34
US-10-994-117-7
Sequence 7, Application US/10994117
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austen L.
APPLICANT: Polakis, Paul
APPLICANT: Smith, Victoria
APPLICANT: Wood, William I.
APPLICANT: Wu, Thomas D.
APPLICANT: Zhang, Dong-Xiao
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: TREATMENT OF TUMOR
FILE REFERENCE: P5037R2
CURRENT APPLICATION NUMBER: US/10/994,117
CURRENT FILING DATE: 2004-11-19
PRIOR APPLICATION NUMBER: US 60/523,856
PRIOR FILING DATE: 2004-11-20
NUMBER OF SEQ ID NOS: 10
SEQ ID NO 7
LENGTH: 437
TYPE: PRT
ORGANISM: Homo sapien
US-10-994-117-7

```

Query Match 99.8%; Score 2337; DB 39; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSOPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVILDKXYFL 61
DB 4 DPDSOPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVILDKXYFL 63
QY 62 CGOPLHPIPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 121
DB 64 CGOPLHPIPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 123
QY 122 FSACFDNFTALAEFTACROMGYSKPTFRVAIEIGPDODLVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEFTACROMGYSKPTFRVAIEIGPDODLVEITENSQELMRNSSGPC 183
QY 182 LSGSLVSLHCLACGSKSLKTRPVVGBEASVDSMPQVSIQYDKOHVCGGSIIDPHWVLT 241
DB 184 LSGSLVSLHCLACGSKSLKTRPVVGBEASVDSMPQVSIQYDKOHVCGGSIIDPHWVLT 243
QY 242 AHCFRKHITDVFNKVRAGSDKLSFPSLAIAKIIIEFNMYPRKNDIALMKLOFPLTFS 301
DB 244 AHCFRKHITDVFNKVRAGSDKLSFPSLAIAKIIIEFNMYPRKNDIALMKLOFPLTFS 303
QY 302 GTVRPILCPFEDELTATPLMTIIGWFTKONGKMSDILLOASVOYIDSTRCNADAYQ 361
DB 304 GTVRPILCPFEDELTATPLMTIIGWFTKONGKMSDILLOASVOYIDSTRCNADAYQ 363
QY 362 GEVTERKMCAGIBEGGVDTCQDSGGPLMYOSDOMHVIGVSWGCGGPGSTPGVYTKV 421
DB 364 GEVTERKMCAGIBEGGVDTCQDSGGPLMYOSDOMHVIGVSWGCGGPGSTPGVYTKV 423
QY 422 AYLNMIYVWKAEI 435
DB 424 AYLNMIYVWKAEI 437

RESULT 35
US-60-625-561-207
Sequence 207, Application US/60625561
GENERAL INFORMATION:
APPLICANT: MCCAFFREY, Ian
APPLICANT: DOMON, Bruno
TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: CL001557
CURRENT APPLICATION NUMBER: US/60/625,561
CURRENT FILING DATE: 2004-11-08
NUMBER OF SEQ ID NOS: 586
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 207
LENGTH: 437
TYPE: PRN
ORGANISM: Homo sapiens
US-60-625-561-207

Query Match 99.8%; Score 2337; DB 50; Length 437;
Best Local Similarity 100.0%; Pred. No. 9,9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 DPDSOPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVILDKXYFL 61
DB 4 DPDSOPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVILDKXYFL 63
QY 62 CGOPLHPIPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 121
DB 64 CGOPLHPIPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 123
QY 122 FSACFDNFTALAEFTACROMGYSKPTFRVAIEIGPDODLVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEFTACROMGYSKPTFRVAIEIGPDODLVEITENSQELMRNSSGPC 183
QY 182 LSGSLVSLHCLACGSKSLKTRPVVGBEASVDSMPQVSIQYDKOHVCGGSIIDPHWVLT 241
DB 184 LSGSLVSLHCLACGSKSLKTRPVVGBEASVDSMPQVSIQYDKOHVCGGSIIDPHWVLT 243
QY 242 AHCFRKHITDVFNKVRAGSDKLSFPSLAIAKIIIEFNMYPRKNDIALMKLOFPLTFS 301

DB 244 AHCFRKHITDVFNKVRAGSDKLSFPSLAIAKIIIEFNMYPRKNDIALMKLOFPLTFS 303
QY 302 GTVRPILCPFEDELTATPLMTIIGWFTKONGKMSDILLOASVOYIDSTRCNADAYQ 361
DB 304 GTVRPILCPFEDELTATPLMTIIGWFTKONGKMSDILLOASVOYIDSTRCNADAYQ 363
QY 362 GEVTERKMCAGIBEGGVDTCQDSGGPLMYOSDOMHVIGVSWGCGGPGSTPGVYTKV 421
DB 364 GEVTERKMCAGIBEGGVDTCQDSGGPLMYOSDOMHVIGVSWGCGGPGSTPGVYTKV 423
QY 422 AYLNMIYVWKAEI 435
DB 424 AYLNMIYVWKAEI 437

RESULT 36
US-10-918-711-490
Sequence 490, Application US/10918711
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND
FILE REFERENCE: CL001479
CURRENT APPLICATION NUMBER: US/10/918,711
CURRENT FILING DATE: 2004-08-16
NUMBER OF SEQ ID NOS: 18339
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 490
LENGTH: 435
TYPE: PRN
ORGANISM: Homo sapiens
US-10-918-711-490

Query Match 99.6%; Score 2333; DB 39; Length 435;
Best Local Similarity 99.8%; Pred. No. 2.4e-219;
Matches 434; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MDPSOPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVILDKXYFL 60
DB 1 MDPSOPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVILDKXYFL 60
QY 61 LCGOPLHPIPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 120
DB 61 LCGOPLHPIPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 120
QY 121 WFSACFDNFTALAEFTACROMGYSKPTFRVAIEIGPDODLVEITENSQELMRNSSGPC 180
DB 121 WFSACFDNFTALAEFTACROMGYSKPTFRVAIEIGPDODLVEITENSQELMRNSSGPC 180
QY 181 CLSSLSVSLHCLACGSKSLKTRPVVGBEASVDSMPQVSIQYDKOHVCGGSIIDPHWVLT 240
DB 181 CLSSLSVSLHCLACGSKSLKTRPVVGBEASVDSMPQVSIQYDKOHVCGGSIIDPHWVLT 240
QY 241 AAHCFRKHITDVFNKVRAGSDKLSFPSLAIAKIIIEFNMYPRKNDIALMKLOFPLTFS 300
DB 241 AAHCFRKHITDVFNKVRAGSDKLSFPSLAIAKIIIEFNMYPRKNDIALMKLOFPLTFS 300
QY 301 SGTVRPILCPFEDELTATPLMTIIGWFTKONGKMSDILLOASVOYIDSTRCNADAY 360
DB 301 SGTVRPILCPFEDELTATPLMTIIGWFTKONGKMSDILLOASVOYIDSTRCNADAY 360
QY 361 QGEVTERKMCAGIBEGGVDTCQDSGGPLMYOSDOMHVIGVSWGCGGPGSTPGVYTKV 420
DB 361 QGEVTERKMCAGIBEGGVDTCQDSGGPLMYOSDOMHVIGVSWGCGGPGSTPGVYTKV 420
QY 421 SAYLNMIYVWKAEI 435
DB 421 SAYLNMIYVWKAEI 435

RESULT 37

```
US-10-918-754-2200
/ Sequence 2200, Application US/10918754
/ GENERAL INFORMATION:
/ APPLICANT: CARGILL, Michele
/ TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
/ TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
/ FILE REFERENCE: CL001480
/ CURRENT APPLICATION NUMBER: US/10/918,754
/ CURRENT FILING DATE: 2004-08-16
/ NUMBER OF SEQ ID NOS: 91238
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 2200
/ LENGTH: 435
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-918-754-2200

Query Match      99.6%; Score 2333; DB 39; Length 435;
Best Local Similarity 99.8%; Pred. No. 2,4e-219;
Matches 434; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB      1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
QY      61 LCGQPLHFIIPRKQDCDELDCPLGEDEBHCYKSPFEGPAVAVARLSKORSTLOVLSATGN 120
DB      61 LCGQPLHFIIPRKQDCDELDCPLGEDEBHCYKSPFEGPAVAVARLSKORSTLOVLSATGN 120
QY      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
DB      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
QY      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
DB      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
QY      181 CLSGSLVSLHCLACGKSLKTPRVYGGEEASVDSWPMQVSIQYDKQHVCGGSLIDBHWVLT 240
DB      181 CLSGSLVSLHCLACGKSLKTPRVYGGEEASVDSWPMQVSIQYDKQHVCGGSLIDBHWVLT 240
QY      241 AAHCFRKHDTVFNWKVRAAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
DB      241 AAHCFRKHDTVFNWKVRAAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
QY      301 SGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAY 360
DB      301 SGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAY 360
QY      361 QGEVTEKMMCAIGIPREGVDTCQGDGSGPLMYOSDOMHVGVIGVSGCGGSPSTPGVYTKV 420
DB      361 QGEVTEKMMCAIGIPREGVDTCQGDGSGPLMYOSDOMHVGVIGVSGCGGSPSTPGVYTKV 420
QY      421 SAYLNMWYVWKAEI 435
DB      421 SAYLNMWYVWKAEI 435

RESULT 38
US-60-495-114-2200
/ Sequence 2200, Application US/60495114
/ GENERAL INFORMATION:
/ APPLICANT: CARGILL, Michele
/ TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
/ TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
/ FILE REFERENCE: CL001480
/ CURRENT APPLICATION NUMBER: US/60/495,114
/ CURRENT FILING DATE: 2003-08-15
/ NUMBER OF SEQ ID NOS: 91238
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 2200
/ LENGTH: 435
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-60-495-114-2200
```

```
Query Match      99.6%; Score 2333; DB 48; Length 435;
Best Local Similarity 99.8%; Pred. No. 2,4e-219;
Matches 434; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB      1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
QY      61 LCGQPLHFIIPRKQDCDELDCPLGEDEBHCYKSPFEGPAVAVARLSKORSTLOVLSATGN 120
DB      61 LCGQPLHFIIPRKQDCDELDCPLGEDEBHCYKSPFEGPAVAVARLSKORSTLOVLSATGN 120
QY      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
DB      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
QY      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
DB      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
QY      181 CLSGSLVSLHCLACGKSLKTPRVYGGEEASVDSWPMQVSIQYDKQHVCGGSLIDBHWVLT 240
DB      181 CLSGSLVSLHCLACGKSLKTPRVYGGEEASVDSWPMQVSIQYDKQHVCGGSLIDBHWVLT 240
QY      241 AAHCFRKHDTVFNWKVRAAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
DB      241 AAHCFRKHDTVFNWKVRAAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
QY      301 SGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAY 360
DB      301 SGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAY 360
QY      361 QGEVTEKMMCAIGIPREGVDTCQGDGSGPLMYOSDOMHVGVIGVSGCGGSPSTPGVYTKV 420
DB      361 QGEVTEKMMCAIGIPREGVDTCQGDGSGPLMYOSDOMHVGVIGVSGCGGSPSTPGVYTKV 420
QY      421 SAYLNMWYVWKAEI 435
DB      421 SAYLNMWYVWKAEI 435

RESULT 39
US-60-495-135-490
/ Sequence 490, Application US/60495135
/ GENERAL INFORMATION:
/ APPLICANT: CARGILL, Michele
/ TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
/ TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND
/ FILE REFERENCE: CL001479
/ CURRENT APPLICATION NUMBER: US/60/495,135
/ CURRENT FILING DATE: 2003-08-15
/ NUMBER OF SEQ ID NOS: 18339
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 490
/ LENGTH: 435
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-60-495-135-490

Query Match      99.6%; Score 2333; DB 48; Length 435;
Best Local Similarity 99.8%; Pred. No. 2,4e-219;
Matches 434; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB      1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
QY      61 LCGQPLHFIIPRKQDCDELDCPLGEDEBHCYKSPFEGPAVAVARLSKORSTLOVLSATGN 120
DB      61 LCGQPLHFIIPRKQDCDELDCPLGEDEBHCYKSPFEGPAVAVARLSKORSTLOVLSATGN 120
QY      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
DB      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
QY      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
DB      121 WFSACPDNFTFALAEYACROMGYSSKPTFRVAVEIGPDODLVAEITENSQELRMNNSGP 180
```



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Qy 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
|
|
|
Db 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
|
|
|
Qy 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPILTF 300
|
|
|
Db 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPILTF 300
|
|
|
Qy 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
|
|
|
Db 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
|
|
|
Qy 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGSGSTPGVYTKV 420
|
|
|
Db 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGSGSTPGVYTKV 420
|
|
|
Qy 421 SAYLNMWYVWKAEL 435
|
|
|
Db 421 SAYLNMWYVWKAEL 435
|
|
|
RESULT 40
US-60-625-561-206
; Sequence 206, Application US/60625561
; GENERAL INFORMATION:
; APPLICANT: MCCAPREY, Ian
; APPLICANT: DOMON, Bruno
; TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES
; FILE REFERENCE: CL001557
; CURRENT APPLICATION NUMBER: US/60/625,561
; CURRENT FILING DATE: 2004-11-08
; NUMBER OF SEQ ID NOS: 586
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 206
; LENGTH: 435
; TYPE: PR
; ORGANISM: Homo sapiens
US-60-625-561-206

Query Match 99.6%; Score 2333; DB 50; Length 435;
Best Local Similarity 99.8%; Pred. No. 2.4e-219;
Matches 434; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MDPSDQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYF 60
|
|
|
Db 1 MDPSDQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYF 60
|
|
|
Qy 61 LCGGPLHPIPRKQICDGLDCLPGLGDEDEHCVKSPFEGPAVAVRLSKRSTLOVDSATGN 120
|
|
|
Db 61 LCGGPLHPIPRKQICDGLDCLPGLGDEDEHCVKSPFEGPAVAVRLSKRSTLOVDSATGN 120
|
|
|
Qy 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNNSGP 180
|
|
|
Db 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNNSGP 180
|
|
|
Qy 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNNSGP 180
|
|
|
Db 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNNSGP 180
|
|
|
Qy 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
|
|
|
Db 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
|
|
|
Qy 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPILTF 300
|
|
|
Db 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPILTF 300
|
|
|
Qy 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
|
|
|
Db 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
|
|
|
Qy 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGSGSTPGVYTKV 420
|
|
|
Db 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGSGSTPGVYTKV 420
|
|
|
Qy 421 SAYLNMWYVWKAEL 435
|
|
|
Db 421 SAYLNMWYVWKAEL 435
|
|
|

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Db 421 SAYLNMWYVWKAEL 435
|
|
|
RESULT 41
PCT-US02-09671-1579
; Sequence 1579, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026MOI
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1579
; LENGTH: 492
; TYPE: PR
; ORGANISM: Homo sapiens
PCT-US02-09671-1579

Query Match 99.4%; Score 2329; DB 1; Length 492;
Best Local Similarity 100.0%; Pred. No. 7.1e-219;
Matches 432; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MDPSDQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYF 60
|
|
|
Db 1 MDPSDQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYF 60
|
|
|
Qy 61 LCGGPLHPIPRKQICDGLDCLPGLGDEDEHCVKSPFEGPAVAVRLSKRSTLOVDSATGN 120
|
|
|
Db 61 LCGGPLHPIPRKQICDGLDCLPGLGDEDEHCVKSPFEGPAVAVRLSKRSTLOVDSATGN 120
|
|
|
Qy 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNNSGP 180
|
|
|
Db 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNNSGP 180
|
|
|
Qy 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNNSGP 180
|
|
|
Db 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNNSGP 180
|
|
|
Qy 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
|
|
|
Db 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
|
|
|
Qy 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPILTF 300
|
|
|
Db 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPILTF 300
|
|
|
Qy 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
|
|
|
Db 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
|
|
|
Qy 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGSGSTPGVYTKV 420
|
|
|
Db 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGSGSTPGVYTKV 420
|
|
|
Qy 421 SAYLNMWYVWKAEL 432
|
|
|
Db 421 SAYLNMWYVWKAEL 432
|
|
|
RESULT 42
PCT-US02-09671-1598
; Sequence 1598, Application PC/TUS0209671

```

```
/ GENERAL INFORMATION:
/ APPLICANT: Zycos Inc.
/ TITLE OF INVENTION: TRANSLATIONAL PROFILING
/ FILE REFERENCE: 08191-026W01
/ CURRENT APPLICATION NUMBER: PCT/US02/09671
/ CURRENT FILING DATE: 2002-03-28
/ PRIOR APPLICATION NUMBER: 60/279,495
/ PRIOR FILING DATE: 2001-03-28
/ PRIOR APPLICATION NUMBER: 60/292,544
/ PRIOR FILING DATE: 2001-05-21
/ PRIOR APPLICATION NUMBER: 60/310,801
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/326,370
/ PRIOR FILING DATE: 2001-10-01
/ PRIOR APPLICATION NUMBER: 60/336,780
/ PRIOR FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: 60/358,985
/ PRIOR FILING DATE: 2002-02-20
/ NUMBER OF SEQ ID NOS: 2041
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1598
/ LENGTH: 492
/ TYPE: PRT
/ ORGANISM: Homo sapiens
PCT-US02-09671-1598
```

```
Query Match          99.4%; Score 2329; DB 1; Length 492;
Best Local Similarity 100.0%; Pred. No. 7,1e-219;
Matches 432; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 MDPDSQPLNSLDVLRKRPIMETFRKVGIPITIALSLASIIIVVLLKVLIDKYYF 60
DB      1 MDPDSQPLNSLDVLRKRPIMETFRKVGIPITIALSLASIIIVVLLKVLIDKYYF 60
QY      61 LOGQPLHFIIPKQICDGEIDCPDGEDEHCVKSPFEGPAVAVRLSKDRSTLQVLSATGN 120
DB      61 LOGQPLHFIIPKQICDGEIDCPDGEDEHCVKSPFEGPAVAVRLSKDRSTLQVLSATGN 120
QY      121 WFSACFDNFTFALAEACRQMGSSKPTFRAYEIGPDODLVVEITENSQELRMNSSGP 180
DB      121 WFSACFDNFTFALAEACRQMGSSKPTFRAYEIGPDODLVVEITENSQELRMNSSGP 180
QY      121 WFSACFDNFTFALAEACRQMGSSKPTFRAYEIGPDODLVVEITENSQELRMNSSGP 180
DB      121 WFSACFDNFTFALAEACRQMGSSKPTFRAYEIGPDODLVVEITENSQELRMNSSGP 180
QY      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
DB      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
QY      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
DB      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
QY      241 AAHCFRKHIDVNMKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 300
DB      241 AAHCFRKHIDVNMKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 300
QY      301 SGTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVYIDSTRCNADAY 360
DB      301 SGTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVYIDSTRCNADAY 360
QY      361 QGEVTEKMMKAGIPBEGVDTCQSDSGGPLMYQSDQMHVGVIVSWGYCGGSPSTPGVYTKV 420
DB      361 QGEVTEKMMKAGIPBEGVDTCQSDSGGPLMYQSDQMHVGVIVSWGYCGGSPSTPGVYTKV 420
QY      421 SAYLNMWYVWK 432
DB      421 SAYLNMWYVWK 432
```

```
RESULT 43
US-10-030-688-4
/ Sequence 4, Application US/10030688
/ GENERAL INFORMATION:
/ APPLICANT: Merck Patent GmbH
/ TITLE OF INVENTION: Seripancrin
/ FILE REFERENCE: Seripancrin
/ CURRENT APPLICATION NUMBER: US/10/030,688
/ CURRENT FILING DATE: 2002-01-14
/ NUMBER OF SEQ ID NOS: 6
```

```
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 4
/ LENGTH: 492
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-030-688-4
```

```
Query Match          99.4%; Score 2329; DB 30; Length 492;
Best Local Similarity 100.0%; Pred. No. 7,1e-219;
Matches 432; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 MDPDSQPLNSLDVLRKRPIMETFRKVGIPITIALSLASIIIVVLLKVLIDKYYF 60
DB      1 MDPDSQPLNSLDVLRKRPIMETFRKVGIPITIALSLASIIIVVLLKVLIDKYYF 60
QY      61 LOGQPLHFIIPKQICDGEIDCPDGEDEHCVKSPFEGPAVAVRLSKDRSTLQVLSATGN 120
DB      61 LOGQPLHFIIPKQICDGEIDCPDGEDEHCVKSPFEGPAVAVRLSKDRSTLQVLSATGN 120
QY      121 WFSACFDNFTFALAEACRQMGSSKPTFRAYEIGPDODLVVEITENSQELRMNSSGP 180
DB      121 WFSACFDNFTFALAEACRQMGSSKPTFRAYEIGPDODLVVEITENSQELRMNSSGP 180
QY      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
DB      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
QY      241 AAHCFRKHIDVNMKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 300
DB      241 AAHCFRKHIDVNMKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 300
QY      301 SGTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVYIDSTRCNADAY 360
DB      301 SGTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVYIDSTRCNADAY 360
QY      361 QGEVTEKMMKAGIPBEGVDTCQSDSGGPLMYQSDQMHVGVIVSWGYCGGSPSTPGVYTKV 420
DB      361 QGEVTEKMMKAGIPBEGVDTCQSDSGGPLMYQSDQMHVGVIVSWGYCGGSPSTPGVYTKV 420
QY      421 SAYLNMWYVWK 432
DB      421 SAYLNMWYVWK 432
```

```
RESULT 44
US-10-473-127-1579
/ Sequence 1579, Application US/10473127
/ GENERAL INFORMATION:
/ APPLICANT: Zycos Inc.
/ TITLE OF INVENTION: TRANSLATIONAL PROFILING
/ FILE REFERENCE: 08191-026W01
/ CURRENT APPLICATION NUMBER: US/10/473,127
/ CURRENT FILING DATE: 2003-09-26
/ PRIOR APPLICATION NUMBER: 60/279,495
/ PRIOR FILING DATE: 2001-03-28
/ PRIOR APPLICATION NUMBER: 60/292,544
/ PRIOR FILING DATE: 2001-05-21
/ PRIOR APPLICATION NUMBER: 60/310,801
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/326,370
/ PRIOR FILING DATE: 2001-10-01
/ PRIOR APPLICATION NUMBER: 60/336,780
/ PRIOR FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: 60/358,985
/ PRIOR FILING DATE: 2002-02-20
/ NUMBER OF SEQ ID NOS: 2041
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1579
/ LENGTH: 492
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-473-127-1579
```

Query Match 99.4%; Score 2329; DB 34; Length 492;
Best Local Similarity 100.0%; Pred. No. 7.1e-219; Indels 0; Gaps 0;
Matches 432; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1. MDPSDQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB 1 MDPSDQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60

QY 61 LCGPPLHFIIPRKQDCGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120
DB 61 LCGPPLHFIIPRKQDCGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120

QY 121 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 180
DB 121 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 180

QY 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 240
DB 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 240

QY 241 AAHCFRKHDTVFNKVRASGDKLSPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTF 300
DB 241 AAHCFRKHDTVFNKVRASGDKLSPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTF 300

QY 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADAY 360
DB 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADAY 360

QY 361 QGEVTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWVGCGGSGSTPGVYTKV 420
DB 361 QGEVTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWVGCGGSGSTPGVYTKV 420

QY 421 SAYLNMWYNWK 432
DB 421 SAYLNMWYNWK 432

RESULT 45
US-10-473-127-1598
; Sequence 1598, Application US/10473127
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026M01
; CURRENT FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 1598
; LENGTH: 492
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-473-127-1598

Query Match 99.4%; Score 2329; DB 34; Length 492;
Best Local Similarity 100.0%; Pred. No. 7.1e-219; Indels 0; Gaps 0;
Matches 432; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1. MDPSDQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB 1 MDPSDQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60

QY 61 LCGPPLHFIIPRKQDCGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120
DB 61 LCGPPLHFIIPRKQDCGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120

QY 121 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 180
DB 121 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 180

QY 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 240
DB 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 240

QY 241 AAHCFRKHDTVFNKVRASGDKLSPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTF 300
DB 241 AAHCFRKHDTVFNKVRASGDKLSPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTF 300

QY 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADAY 360
DB 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADAY 360

QY 361 QGEVTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWVGCGGSGSTPGVYTKV 420
DB 361 QGEVTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWVGCGGSGSTPGVYTKV 420

QY 421 SAYLNMWYNWK 432
DB 421 SAYLNMWYNWK 432

RESULT 46
US-10-170-205E-12791
; Sequence 12791, Application US/10170205E
; GENERAL INFORMATION:
; APPLICANT: ADAMS, Mark
; TITLE OF INVENTION: DEVICES, SUCH AS ARRAYS, COMPRISED OF HUMAN PROTEINS OR PROTEIN
; FILE REFERENCE: CL001381
; CURRENT FILING DATE: 2002-06-13
; NUMBER OF SEQ ID NOS: 40312
; SOFTWARE: Patent version 3.2
; SEQ ID NO 12791
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-170-205E-12791

Query Match 99.4%; Score 2328; DB 31; Length 437;
Best Local Similarity 99.8%; Pred. No. 7.6e-219; Indels 1; Gaps 0;
Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2. DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 61
DB 4. DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 63

QY 62 CGPPLHFIIPRKQDCGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 121
DB 64 CGPPLHFIIPRKQDCGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 123

QY 122 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 181
DB 124 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 183

QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 241
DB 184 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 243

QY 242 AAHCFRKHDTVFNKVRASGDKLSPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTF 301
DB 244 AAHCFRKHDTVFNKVRASGDKLSPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTF 303

QY 302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADAY 361

```

Db      304 GTVRICLPFDELTPTATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 363
Qy      362 GEYTERKMCAGIPREGVDTCQDGGGPLYMOSDOMHVGVISWGYGGSGSTGYTKYS 421
Db      364 GEYTERKMCAGIPREGVDTCQDGGGPLYMOSDOMHVGVISWGYGGSGSTGYTKYS 423
Qy      422 AYLMWYVWKAEL 435
Db      424 AYLMWYVWKAEL 437

```

```

RESULT 47
US-10-918-711-491
; Sequence 491, Application US/10918711
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND
; FILE REFERENCE: C1001479
; CURRENT APPLICATION NUMBER: US/10/918, 711
; CURRENT FILING DATE: 2004-08-16
; NUMBER OF SEQ ID NOS: 18339
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 491
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-918-711-491

```

```

Query Match          99.4%; Score 2328; DB 39; Length 437;
Best Local Similarity 99.8%; Pred. No. 7,66-219;
Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      2 DDPDOPPLNSLDVKKPLRKPRIMETFRKVGIPITIIALSLASIIIVVLIKVILDKYYFL 61
Db      4 DDPDOPPLNSLDVKKPLRKPRIMETFRKVGIPITIIALSLASIIIVVLIKVILDKYYFL 63
Qy      62 CGQPLHFIPRKQLCDGELDCPLGDEDEHCYVSFPEGPAVAVRLSKDSTLQVLDSATGNW 121
Db      64 CGQPLHFIPRKQLCDGELDCPLGDEDEHCYVSFPEGPAVAVRLSKDSTLQVLDSATGNW 123
Qy      122 FSACDNFTALAFACQMGYSKPTFRAYEIGPDODLVEITENSQELRMNNSGPC 181
Db      124 FSACDNFTALAFACQMGYSKPTFRAYEIGPDODLVEITENSQELRMNNSGPC 183
Qy      182 LSGSLVSLHCLACGSKLTPTPRVGGEEASVDSWPMOVSIOYDKQHVCGSILDPHWLTA 241
Db      184 LSGSLVSLHCLACGSKLTPTPRVGGEEASVDSWPMOVSIOYDKQHVCGSILDPHWLTA 243
Qy      242 AHCERKHTDVFNWVKRAGSDKLSFPSIAVAKIIIEFNMPYPRNDIALMKIQPLTFS 301
Db      244 AHCERKHTDVFNWVKRAGSDKLSFPSIAVAKIIIEFNMPYPRNDIALMKIQPLTFS 303
Qy      302 GTVRPCLPFDELTPTATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
Db      304 GTVRPCLPFDELTPTATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 363
Qy      362 GEYTERKMCAGIPREGVDTCQDGGGPLYMOSDOMHVGVISWGYGGSGSTGYTKYS 421
Db      364 GEYTERKMCAGIPREGVDTCQDGGGPLYMOSDOMHVGVISWGYGGSGSTGYTKYS 423
Qy      422 AYLMWYVWKAEL 435
Db      424 AYLMWYVWKAEL 437

```

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RESULT 48
US-10-918-754-2201
; Sequence 2201, Application US/10918754
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele

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```

; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
; FILE REFERENCE: C1001480
; CURRENT APPLICATION NUMBER: US/10/918, 754
; CURRENT FILING DATE: 2004-08-16
; NUMBER OF SEQ ID NOS: 91238
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2201
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-918-754-2201

```

```

Query Match          99.4%; Score 2328; DB 39; Length 437;
Best Local Similarity 99.8%; Pred. No. 7,66-219;
Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      2 DDPDOPPLNSLDVKKPLRKPRIMETFRKVGIPITIIALSLASIIIVVLIKVILDKYYFL 61
Db      4 DDPDOPPLNSLDVKKPLRKPRIMETFRKVGIPITIIALSLASIIIVVLIKVILDKYYFL 63
Qy      62 CGQPLHFIPRKQLCDGELDCPLGDEDEHCYVSFPEGPAVAVRLSKDSTLQVLDSATGNW 121
Db      64 CGQPLHFIPRKQLCDGELDCPLGDEDEHCYVSFPEGPAVAVRLSKDSTLQVLDSATGNW 123
Qy      122 FSACDNFTALAFACQMGYSKPTFRAYEIGPDODLVEITENSQELRMNNSGPC 181
Db      124 FSACDNFTALAFACQMGYSKPTFRAYEIGPDODLVEITENSQELRMNNSGPC 183
Qy      182 LSGSLVSLHCLACGSKLTPTPRVGGEEASVDSWPMOVSIOYDKQHVCGSILDPHWLTA 241
Db      184 LSGSLVSLHCLACGSKLTPTPRVGGEEASVDSWPMOVSIOYDKQHVCGSILDPHWLTA 243
Qy      242 AHCERKHTDVFNWVKRAGSDKLSFPSIAVAKIIIEFNMPYPRNDIALMKIQPLTFS 301
Db      244 AHCERKHTDVFNWVKRAGSDKLSFPSIAVAKIIIEFNMPYPRNDIALMKIQPLTFS 303
Qy      302 GTVRPCLPFDELTPTATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
Db      304 GTVRPCLPFDELTPTATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 363
Qy      362 GEYTERKMCAGIPREGVDTCQDGGGPLYMOSDOMHVGVISWGYGGSGSTGYTKYS 421
Db      364 GEYTERKMCAGIPREGVDTCQDGGGPLYMOSDOMHVGVISWGYGGSGSTGYTKYS 423
Qy      422 AYLMWYVWKAEL 435
Db      424 AYLMWYVWKAEL 437

```

```

RESULT 49
US-60-452-680-24198
; Sequence 24198, Application US/60452680
; GENERAL INFORMATION:
; APPLICANT: GROPE, Andrew
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: C1001450
; CURRENT APPLICATION NUMBER: US/60/452, 680
; CURRENT FILING DATE: 2003-03-07
; NUMBER OF SEQ ID NOS: 116213
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24198
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-452-680-24198

```

```

Query Match          99.4%; Score 2328; DB 48; Length 437;
Best Local Similarity 99.8%; Pred. No. 7,66-219;
Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 2 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLOVLSATGNW 121
DB 64 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLOVLSATGNW 123
QY 122 FSACFNDFTALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNNSGPC 181
DB 124 FSACFNDFTALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNNSGPC 183
QY 182 LSGSLVSLHCLACGKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSILDPHWLTA 241
DB 184 LSGSLVSLHCLACGKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSILDPHWLTA 243
QY 242 AHCFRKHITDVFNMKVRAGSDKLSFPLSAVAKIIIEFNMPYKNDIALMKLOPPLTFS 301
DB 244 AHCFRKHITDVFNMKVRAGSDKLSFPLSAVAKIIIEFNMPYKNDIALMKLOPPLTFS 303
QY 302 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 361
DB 304 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 363
QY 362 GEVTERMMKAGIPREGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 364 GEVTERMMKAGIPREGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 423
QY 422 AYLNMTYVWKAEI 435
DB 424 AYLNMTYVWKAEI 437

```

RESULT 50
 US-60-453-050-15076
 ; Sequence 15076, Application US/60453050
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele
 ; APPLICANT: LUKE, May
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; FILE REFERENCE: CU001457
 ; CURRENT APPLICATION NUMBER: US/60/453, 050
 ; CURRENT FILING DATE: 2003-03-10
 ; NUMBER OF SEQ ID NOS: 82762
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 15076
 ; LENGTH: 437
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-60-453-050-15076

Query Match 99.4%; Score 2328; DB 48; Length 437;
 Best Local Similarity 99.8%; Pred. No. 7.6e-219;
 Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

QY 2 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLOVLSATGNW 121
DB 64 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLOVLSATGNW 123
QY 122 FSACFNDFTALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNNSGPC 181
DB 124 FSACFNDFTALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNNSGPC 183
QY 182 LSGSLVSLHCLACGKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSILDPHWLTA 241
DB 184 LSGSLVSLHCLACGKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSILDPHWLTA 243

```

```

QY 242 AHCFRKHITDVFNMKVRAGSDKLSFPLSAVAKIIIEFNMPYKNDIALMKLOPPLTFS 301
DB 244 AHCFRKHITDVFNMKVRAGSDKLSFPLSAVAKIIIEFNMPYKNDIALMKLOPPLTFS 303
QY 302 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 361
DB 304 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 363
QY 362 GEVTERMMKAGIPREGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 364 GEVTERMMKAGIPREGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 423
QY 422 AYLNMTYVWKAEI 435
DB 424 AYLNMTYVWKAEI 437

```

RESULT 51
 US-60-453-135-15076
 ; Sequence 15076, Application US/60453135
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele
 ; APPLICANT: IAKOUBOVA, Olga
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; FILE REFERENCE: CU001456
 ; CURRENT APPLICATION NUMBER: US/60/453, 135
 ; CURRENT FILING DATE: 2003-03-10
 ; NUMBER OF SEQ ID NOS: 82762
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 15076
 ; LENGTH: 437
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-60-453-135-15076

Query Match 99.4%; Score 2328; DB 48; Length 437;
 Best Local Similarity 99.8%; Pred. No. 7.6e-219;
 Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

QY 2 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLOVLSATGNW 121
DB 64 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLOVLSATGNW 123
QY 122 FSACFNDFTALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNNSGPC 181
DB 124 FSACFNDFTALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNNSGPC 183
QY 182 LSGSLVSLHCLACGKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSILDPHWLTA 241
DB 184 LSGSLVSLHCLACGKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSILDPHWLTA 243
QY 242 AHCFRKHITDVFNMKVRAGSDKLSFPLSAVAKIIIEFNMPYKNDIALMKLOPPLTFS 301
DB 244 AHCFRKHITDVFNMKVRAGSDKLSFPLSAVAKIIIEFNMPYKNDIALMKLOPPLTFS 303
QY 302 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 361
DB 304 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 363
QY 362 GEVTERMMKAGIPREGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 364 GEVTERMMKAGIPREGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 423
QY 422 AYLNMTYVWKAEI 435
DB 424 AYLNMTYVWKAEI 437

```

RESULT 52
 US-60-466-412-15076
 ; Sequence 15076, Application US/60466412
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele
 ; APPLICANT: IAKOUBOVA, Olga
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001466
 ; CURRENT FILING DATE: 2003-04-30
 ; NUMBER OF SEQ ID NOS: 429241
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 15076
 ; LENGTH: 437
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-60-466-412-15076

Query Match
 Best Local Similarity 99.4%; Score 2328; DB 48; Length 437;
 Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVYKPKRPRIEMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
 DB 4 DPDSQPLNSLDVYKPKRPRIEMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
 QY 62 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVALSKORSTLOVLSATGNW 121
 DB 64 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVALSKORSTLOVLSATGNW 123
 QY 122 FSACFDNFTFALAEATACROMGYSSKPTFAVEIGPDODLVEITENSQELRMNNSGPC 181
 DB 124 FSACFDNFTFALAEATACROMGYSSKPTFAVEIGPDODLVEITENSQELRMNNSGPC 183
 QY 182 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 241
 DB 184 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 243
 QY 242 AHCFRKHIDVFNWVKRAGSDKLGSPSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 301
 DB 244 AHCFRKHIDVFNWVKRAGSDKLGSPSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 303
 QY 302 GTVRPCLPFPDEBELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
 DB 304 GTVRPCLPFPDEBELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADAYQ 363
 QY 362 GEVTERKMKACGIPGCGVDTCQDSDGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKYS 421
 DB 364 GEVTERKMKACGIPGCGVDTCQDSDGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKYS 423
 QY 422 AYLMWIVNWKAEI 435
 DB 424 AYLMWIVNWKAEI 437

RESULT 53
 US-60-495-114-2201
 ; Sequence 2201, Application US/60495114
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele
 ; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
 ; TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
 ; FILE REFERENCE: CL001480
 ; CURRENT FILING DATE: 2003-08-15
 ; NUMBER OF SEQ ID NOS: 91238
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 2201
 ; LENGTH: 437
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens

US-60-495-114-2201

Query Match
 Best Local Similarity 99.4%; Score 2328; DB 48; Length 437;
 Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVYKPKRPRIEMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
 DB 4 DPDSQPLNSLDVYKPKRPRIEMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
 QY 62 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVALSKORSTLOVLSATGNW 121
 DB 64 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVALSKORSTLOVLSATGNW 123
 QY 122 FSACFDNFTFALAEATACROMGYSSKPTFAVEIGPDODLVEITENSQELRMNNSGPC 181
 DB 124 FSACFDNFTFALAEATACROMGYSSKPTFAVEIGPDODLVEITENSQELRMNNSGPC 183
 QY 182 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 241
 DB 184 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 243
 QY 242 AHCFRKHIDVFNWVKRAGSDKLGSPSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 301
 DB 244 AHCFRKHIDVFNWVKRAGSDKLGSPSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 303
 QY 302 GTVRPCLPFPDEBELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
 DB 304 GTVRPCLPFPDEBELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADAYQ 363
 QY 362 GEVTERKMKACGIPGCGVDTCQDSDGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKYS 421
 DB 364 GEVTERKMKACGIPGCGVDTCQDSDGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKYS 423
 QY 422 AYLMWIVNWKAEI 435
 DB 424 AYLMWIVNWKAEI 437

RESULT 54
 US-60-495-135-491
 ; Sequence 491, Application US/60495135
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele
 ; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
 ; TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND
 ; FILE REFERENCE: CL001479
 ; CURRENT FILING DATE: 2003-08-15
 ; NUMBER OF SEQ ID NOS: 18339
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 491
 ; LENGTH: 437
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-60-495-135-491

Query Match
 Best Local Similarity 99.4%; Score 2328; DB 48; Length 437;
 Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVYKPKRPRIEMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
 DB 4 DPDSQPLNSLDVYKPKRPRIEMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
 QY 62 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVALSKORSTLOVLSATGNW 121
 DB 64 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVALSKORSTLOVLSATGNW 123
 QY 122 FSACFDNFTFALAEATACROMGYSSKPTFAVEIGPDODLVEITENSQELRMNNSGPC 181
 DB 124 FSACFDNFTFALAEATACROMGYSSKPTFAVEIGPDODLVEITENSQELRMNNSGPC 183

Qy 182 LSGSLVSLHCLACGSLKTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHVLTA 241
 Db 184 LSGSLVSLHCLACGSLKTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHVLTA 243
 Qy 242 AHCFKHTDVFNWKVRASGDKLSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 Db 244 AHCFKHTDVFNWKVRASGDKLSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 303
 Qy 302 GTVRPCLPFDDELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADAYQ 361
 Db 304 GTVRPCLPFDDELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADAYQ 363
 Qy 362 GEYTERKMCAGIPBEGVDTCQDSDGGLMYOSDQMHVGIIVSWGCGGSPSTPGVYTKVS 421
 Db 364 GEYTERKMCAGIPBEGVDTCQDSDGGLMYOSDQMHVGIIVSWGCGGSPSTPGVYTKVS 423
 Qy 422 AYLMNIYVWKAEI 435
 Db 424 AYLMNIYVWKAEI 437

RESULT 55

US-60-625-561-205
 ; Sequence 205, Application US/60625561
 ; GENERAL INFORMATION:
 ; APPLICANT: MCCAFFREY, Ian
 ; APPLICANT: DOMON, Bruno
 ; TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES
 ; TITLE OF INVENTION: THEREOF
 ; FILE REFERENCE: C1001557
 ; CURRENT APPLICATION NUMBER: US/60/625,561
 ; CURRENT FILING DATE: 2004-11-08
 ; NUMBER OF SEQ ID NOS: 586
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 205
 ; LENGTH: 437
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-60-625-561-205

Query Match 99.4%; Score 2328; DB 50; Length 437;
 Best Local Similarity 99.8%; Pred. No. 7,6e-219;
 Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 DSDSDPLNSLDVFKLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIYLDKTYFL 61
 Db 4 DSDSDPLNSLDVFKLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIYLDKTYFL 63
 Qy 62 CGQPLHFIIPRKQICGDELDCPLGDEBEHCYKSPBGPAAVAVRLSKDRSTLYVLDSATGNW 121
 Db 64 CGQPLHFIIPRKQICGDELDCPLGDEBEHCYKSPBGPAAVAVRLSKDRSTLYVLDSATGNW 123
 Qy 122 FSACPDNFTALAEFTACRQMGYSKPTFRAVEIGPDODLDVEITENSQELMRNNSGFC 181
 Db 124 FSACPDNFTALAEFTACRQMGYSKPTFRAVEIGPDODLDVEITENSQELMRNNSGFC 183
 Qy 182 LSGSLVSLHCLACGSLKTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHVLTA 241
 Db 184 LSGSLVSLHCLACGSLKTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHVLTA 243
 Qy 242 AHCFKHTDVFNWKVRASGDKLSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 Db 244 AHCFKHTDVFNWKVRASGDKLSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 303
 Qy 302 GTVRPCLPFDDELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADAYQ 361
 Db 304 GTVRPCLPFDDELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADAYQ 363
 Qy 362 GEYTERKMCAGIPBEGVDTCQDSDGGLMYOSDQMHVGIIVSWGCGGSPSTPGVYTKVS 421
 Db 364 GEYTERKMCAGIPBEGVDTCQDSDGGLMYOSDQMHVGIIVSWGCGGSPSTPGVYTKVS 423

Qy 422 AYLMNIYVWKAEI 435
 Db 424 AYLMNIYVWKAEI 437

RESULT 56

PCT-US02-09671-1583
 ; Sequence 1583, Application PC/TUS0209671
 ; GENERAL INFORMATION:
 ; APPLICANT: Zycoos Inc.
 ; TITLE OF INVENTION: TRANSLATIONAL PROFILING
 ; FILE REFERENCE: 08191-026W01
 ; CURRENT APPLICATION NUMBER: PCT/US02/09671
 ; CURRENT FILING DATE: 2002-03-28
 ; PRIOR APPLICATION NUMBER: 60/279,495
 ; PRIOR FILING DATE: 2001-03-28
 ; PRIOR APPLICATION NUMBER: 60/292,544
 ; PRIOR FILING DATE: 2001-05-21
 ; PRIOR APPLICATION NUMBER: 60/310,801
 ; PRIOR FILING DATE: 2001-08-08
 ; PRIOR APPLICATION NUMBER: 60/326,370
 ; PRIOR FILING DATE: 2001-10-01
 ; PRIOR APPLICATION NUMBER: 60/336,780
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: 60/358,985
 ; PRIOR FILING DATE: 2002-02-20
 ; NUMBER OF SEQ ID NOS: 2041
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 1583
 ; LENGTH: 437
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 PCT-US02-09671-1583

Query Match 99.0%; Score 2319; DB 1; Length 437;
 Best Local Similarity 99.5%; Pred. No. 5.8e-218;
 Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2 DSDSDPLNSLDVFKLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIYLDKTYFL 61
 Db 4 DSDSDPLNSLDVFKLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIYLDKTYFL 63
 Qy 62 CGQPLHFIIPRKQICGDELDCPLGDEBEHCYKSPBGPAAVAVRLSKDRSTLYVLDSATGNW 121
 Db 64 CGQPLHFIIPRKQICGDELDCPLGDEBEHCYKSPBGPAAVAVRLSKDRSTLYVLDSATGNW 123
 Qy 122 FSACPDNFTALAEFTACRQMGYSKPTFRAVEIGPDODLDVEITENSQELMRNNSGFC 181
 Db 124 FSACPDNFTALAEFTACRQMGYSKPTFRAVEIGPDODLDVEITENSQELMRNNSGFC 183
 Qy 182 LSGSLVSLHCLACGSLKTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHVLTA 241
 Db 184 LSGSLVSLHCLACGSLKTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHVLTA 243
 Qy 242 AHCFKHTDVFNWKVRASGDKLSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 Db 244 AHCFKHTDVFNWKVRASGDKLSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 303
 Qy 302 GTVRPCLPFDDELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADAYQ 361
 Db 304 GTVRPCLPFDDELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADAYQ 363
 Qy 362 GEYTERKMCAGIPBEGVDTCQDSDGGLMYOSDQMHVGIIVSWGCGGSPSTPGVYTKVS 421
 Db 364 GEYTERKMCAGIPBEGVDTCQDSDGGLMYOSDQMHVGIIVSWGCGGSPSTPGVYTKVS 423
 Qy 422 AYLMNIYVWKAEI 435
 Db 424 AYLMNIYVWKAEI 437

RESULT 57

PCT-US02-09671-1588


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; Sequence 1588, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1588
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1588

```

```

Query Match      99.0%; Score 2319; DB 1; Length 437;
Best Local Similarity 99.5%; Pred. No. 5.8e-218;
Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

QY 2 DPDSDDPLNSLDVYKPRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 61
DB 4 DPDSDDPLNSLDVYKPRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 63
QY 62 CGQPLHFIIRKQDCDELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFIIRKQDCDELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACPNFTFALAEACROMGYSSKPTFRAVEIGPDQDLDAVEITENSQELRMNNSGPC 181
DB 124 FSACPNFTFALAEACROMGYSSKPTFRAVEIGPDQDLDAVEITENSQELRMNNSGPC 183
QY 182 LSGSLVSLHCLACGSLKTPRVVGESEASVDSWPMQVSIQYDKHVCSSILDPHWLTA 241
DB 184 LSGSLVSLHCLACGSLKTPRVVGESEASVDSWPMQVSIQYDKHVCSSILDPHWLTA 243
QY 242 AHCFRKHFDVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPRONDIALMKLQPLTF 301
DB 244 AHCFRKHFDVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPRONDIALMKLQPLTF 303
QY 302 GTVRPCLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
DB 304 GTVRPCLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 363
QY 362 GEYTERKMCAGIPRGGVDTCCGDSGGPLMTQSDQMHVGVISWGYCGGSGSTGYTTKVS 421
DB 364 GEYTERKMCAGIPRGGVDTCCGDSGGPLMTQSDQMHVGVISWGYCGGSGSTGYTTKVS 423
QY 422 AYLMWIVVMKAEI 435
DB 424 AYLMWIVVMKAEI 437

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```

RESULT 58
US-09-776-191-4
; Sequence 4, Application US/09776191
; GENERAL INFORMATION:
; APPLICANT: Edwin L. Madison
; APPLICANT: Edgar O. Ong
; APPLICANT: Jium-Chern Yeh
; APPLICANT: Corvas International, Inc.
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING

```

```

; TITLE OF INVENTION: TRANSMEMBRANE SERINE PROTEASES, THE ENCODED PROTEINS AND
; FILE REFERENCE: 24745-1607
; CURRENT APPLICATION NUMBER: US/09/776,191
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/213,124
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/234,840
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/179,982
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 60/183,542
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: 09/657,968
; PRIOR FILING DATE: 2000-02-08
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-776-191-4

```

```

Query Match      99.0%; Score 2319; DB 27; Length 437;
Best Local Similarity 99.5%; Pred. No. 5.8e-218;
Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2 DPDSDDPLNSLDVYKPRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 61
DB 4 DPDSDDPLNSLDVYKPRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 63
QY 62 CGQPLHFIIRKQDCDELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFIIRKQDCDELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACPNFTFALAEACROMGYSSKPTFRAVEIGPDQDLDAVEITENSQELRMNNSGPC 181
DB 124 FSACPNFTFALAEACROMGYSSKPTFRAVEIGPDQDLDAVEITENSQELRMNNSGPC 183
QY 182 LSGSLVSLHCLACGSLKTPRVVGESEASVDSWPMQVSIQYDKHVCSSILDPHWLTA 241
DB 184 LSGSLVSLHCLACGSLKTPRVVGESEASVDSWPMQVSIQYDKHVCSSILDPHWLTA 243
QY 242 AHCFRKHFDVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPRONDIALMKLQPLTF 301
DB 244 AHCFRKHFDVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPRONDIALMKLQPLTF 303
QY 302 GTVRPCLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
DB 304 GTVRPCLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 363
QY 362 GEYTERKMCAGIPRGGVDTCCGDSGGPLMTQSDQMHVGVISWGYCGGSGSTGYTTKVS 421
DB 364 GEYTERKMCAGIPRGGVDTCCGDSGGPLMTQSDQMHVGVISWGYCGGSGSTGYTTKVS 423
QY 422 AYLMWIVVMKAEI 435
DB 424 AYLMWIVVMKAEI 437

```

```

RESULT 59
US-10-156-214A-4
; Sequence 4, Application US/10156214A
; GENERAL INFORMATION:
; APPLICANT: Edwin L. Madison
; APPLICANT: Joseph Edward Semple
; APPLICANT: George P. Vlasuk
; APPLICANT: Scott Jeffrey Kemp
; APPLICANT: Mallareddy Komandla
; APPLICANT: Daniel Vanna siev
; TITLE OF INVENTION: Conjugates Activated By Cell Surface Proteases and Therapeutic Us
; FILE REFERENCE: 24745-1611

```

CURRENT APPLICATION NUMBER: US/10/156,214A
 CURRENT FILING DATE: 2002-05-23
 NUMBER OF SEQ ID NOS: 611
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 4
 LENGTH: 437
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-156-214A-4

Query Match 99.0%; Score 2319; DB 31; Length 437;
 Best Local Similarity 99.5%; Pred. No. 5,8e-218;
 Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIIALISLIIIVVLLIKVILDKYFL 61
 DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIIALISLIIIVVLLIKVILDKYFL 63
 QY 62 CGPLHPIPRKQDCGELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 121
 DB 64 CGPLHPIPRKQDCGELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 123
 QY 122 FSACFDNFTALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 181
 DB 124 FSACFDNFTALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 183
 QY 182 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDIQHVCGSILDPHVLTA 241
 DB 184 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDIQHVCGSILDPHVLTA 243
 QY 242 AHCFKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 301
 DB 244 AHCFKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 303
 QY 302 GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCNADAYQ 361
 DB 304 GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCNADAYQ 363
 QY 362 GEVEKMMKACGIPREGVDTCQDSGGLMYOSDQMHVGVISWGYCGGPGSTPGVYTVS 421
 DB 364 GEVEKMMKACGIPREGVDTCQDSGGLMYOSDQMHVGVISWGYCGGPGSTPGVYTVS 423
 QY 422 AYLMNIYVMKAEI 435
 DB 424 AYLMNIYVMKAEI 437

RESULT 60
 US-10-473-127-1583
 Sequence 1583, Application US/10473127
 GENERAL INFORMATION:
 APPLICANT: Zycos Inc.
 TITLE OF INVENTION: TRANSLATIONAL PROFILING
 FILE REFERENCE: 08191-026M01
 CURRENT APPLICATION NUMBER: US/10/473,127
 CURRENT FILING DATE: 2003-09-26
 PRIOR APPLICATION NUMBER: 60/279,495
 PRIOR FILING DATE: 2001-03-28
 PRIOR APPLICATION NUMBER: 60/292,544
 PRIOR FILING DATE: 2001-05-21
 PRIOR APPLICATION NUMBER: 60/310,801
 PRIOR FILING DATE: 2001-08-08
 PRIOR APPLICATION NUMBER: 60/326,370
 PRIOR FILING DATE: 2001-10-01
 PRIOR APPLICATION NUMBER: 60/336,780
 PRIOR FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: 60/358,985
 PRIOR FILING DATE: 2002-02-20
 NUMBER OF SEQ ID NOS: 2041
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 1583
 LENGTH: 437
 TYPE: PRT

ORGANISM: Homo sapiens
 US-10-473-127-1583

Query Match 99.0%; Score 2319; DB 34; Length 437;
 Best Local Similarity 99.5%; Pred. No. 5,8e-218;
 Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIIALISLIIIVVLLIKVILDKYFL 61
 DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIIALISLIIIVVLLIKVILDKYFL 63
 QY 62 CGPLHPIPRKQDCGELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 121
 DB 64 CGPLHPIPRKQDCGELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 123
 QY 122 FSACFDNFTALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 181
 DB 124 FSACFDNFTALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 183
 QY 182 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDIQHVCGSILDPHVLTA 241
 DB 184 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDIQHVCGSILDPHVLTA 243
 QY 242 AHCFKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 301
 DB 244 AHCFKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 303
 QY 302 GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCNADAYQ 361
 DB 304 GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCNADAYQ 363
 QY 362 GEVEKMMKACGIPREGVDTCQDSGGLMYOSDQMHVGVISWGYCGGPGSTPGVYTVS 421
 DB 364 GEVEKMMKACGIPREGVDTCQDSGGLMYOSDQMHVGVISWGYCGGPGSTPGVYTVS 423
 QY 422 AYLMNIYVMKAEI 435
 DB 424 AYLMNIYVMKAEI 437

RESULT 61
 US-10-473-127-1588
 Sequence 1588, Application US/10473127
 GENERAL INFORMATION:
 APPLICANT: Zycos Inc.
 TITLE OF INVENTION: TRANSLATIONAL PROFILING
 FILE REFERENCE: 08191-026M01
 CURRENT APPLICATION NUMBER: US/10/473,127
 CURRENT FILING DATE: 2003-09-26
 PRIOR APPLICATION NUMBER: 60/279,495
 PRIOR FILING DATE: 2001-03-28
 PRIOR APPLICATION NUMBER: 60/292,544
 PRIOR FILING DATE: 2001-05-21
 PRIOR APPLICATION NUMBER: 60/310,801
 PRIOR FILING DATE: 2001-08-08
 PRIOR APPLICATION NUMBER: 60/326,370
 PRIOR FILING DATE: 2001-10-01
 PRIOR APPLICATION NUMBER: 60/336,780
 PRIOR FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: 60/358,985
 PRIOR FILING DATE: 2002-02-20
 NUMBER OF SEQ ID NOS: 2041
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 1588
 LENGTH: 437
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-473-127-1588

Query Match 99.0%; Score 2319; DB 34; Length 437;
 Best Local Similarity 99.5%; Pred. No. 5,8e-218;
 Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

Qy 2 DPDSQPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKYYFL 61
Db 4 DPDSQPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKYYFL 63
Qy 62 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 121
Db 64 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 123
Qy 122 FSACFDNFTALAEFTACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQELRMRNSGPG 181
Db 124 FSACFDNFTALAEFTACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQELRMRNSGPG 183
Qy 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCYGSILDPHWLTA 241
Db 184 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCYGSILDPHWLTA 243
Qy 242 AHCFRKHDTVFNMKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLQPLTFPS 301
Db 244 AHCFRKHDTVFNMKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLQPLTFPS 303
Qy 302 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYIDSTRCANADAYQ 361
Db 304 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYIDSTRCANADAYQ 363
Qy 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGYTTKVS 421
Db 364 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGYTTKVS 423
Qy 422 AYLNMTYVWKAEI 435
Db 424 AYLNMTYVWKAEI 437

```

RESULT 62
PCT-US05-15207-1276
Sequence 1276, Application PC/TUS0515207

```

GENERAL INFORMATION:
APPLICANT: Biogen Idec Inc.
APPLICANT: Bechtel, Pamela
APPLICANT: Daniels, Mark
APPLICANT: McLachlan, Karen
APPLICANT: Zhai, Yufeng
APPLICANT: Coleson, Benjamin L.
APPLICANT: O'Brien, Nicole W.
TITLE OF INVENTION: Membrane Associated Molecules
FILE REFERENCE: 2159.049PC01
CURRENT APPLICATION NUMBER: PCT/US05/15207
CURRENT FILING DATE: 2005-05-02
PRIOR APPLICATION NUMBER: 60/567,187
PRIOR FILING DATE: 2004-04-30
NUMBER OF SEQ ID NOS: 3462
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1276
LENGTH: 431
TYPE: PRT
ORGANISM: Homo sapiens
PCT-US05-15207-1276

```

Query Match 98.8%; Score 2315; DB 1; Length 431;
Best Local Similarity 99.8%; Pred. No. 1.4e-217;
Matches 430; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

Qy 2 DPDSQPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKYYFL 61
Db 1 DPDSQPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKYYFL 60
Qy 62 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 121
Db 61 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 120
Qy 122 FSACFDNFTALAEFTACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQELRMRNSGPG 181
Db 121 FSACFDNFTALAEFTACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQELRMRNSGPG 180

```

```

Qy 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCYGSILDPHWLTA 241
Db 181 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCYGSILDPHWLTA 240
Qy 242 AHCFRKHDTVFNMKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLQPLTFPS 301
Db 241 AHCFRKHDTVFNMKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLQPLTFPS 300
Qy 302 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYIDSTRCANADAYQ 361
Db 301 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYIDSTRCANADAYQ 360
Qy 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGYTTKVS 421
Db 361 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGYTTKVS 420
Qy 422 AYLNMTYVWK 432
Db 421 AYLNMTYVWK 431

```

RESULT 63
US-60-230-435-1634

```

Sequence 1634, Application US/60230435
GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS,
NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
FILE REFERENCE: C1000768
CURRENT APPLICATION NUMBER: US/60/230,435
CURRENT FILING DATE: 2000-09-06
NUMBER OF SEQ ID NOS: 2991
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1634
LENGTH: 488
TYPE: PRT
ORGANISM: HUMAN
FEATURE:
NAME/KEY: VARIANT
LOCATION: (1)...(488)
OTHER INFORMATION: Xaa = Any Amino Acid
US-60-230-435-1634

```

Query Match 98.2%; Score 2299.5; DB 46; Length 488;
Best Local Similarity 97.3%; Pred. No. 5.6e-216;
Matches 430; Conservative 0; Mismatches 1; Indels 11; Gaps 1;

```

Qy 2 DPDSQPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKYYFL 61
Db 19 DPDSQPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKYYFL 78
Qy 62 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 121
Db 79 CGQPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 138
Qy 122 FSACFDNFTALAEFTACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQ 170
Db 139 FSACFDNFTALAEFTACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQ 198
Qy 171 ELRMRNSGPGCLSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCYGS 230
Db 199 ELRMRNSGPGCLSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCYGS 258
Qy 231 SILDPHWLTAHCFRKHDTVFNMKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIA 290
Db 259 SILDPHWLTAHCFRKHDTVFNMKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIA 318
Qy 291 LMKLQPLTFSGTVTRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYID 350
Db 319 LMKLQPLTFSGTVTRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYID 378

```

QY 351 STRCNADAYQGEVTEKMKAGIPBGGVDTCCGDSGGPLMTQSDOMHVIVISWGYCGG 410
 DB 379 STRCNADAYQGEVTEKMKAGIPBGGVDTCCGDSGGPLMTQSDOMHVIVISWGYCGG 438
 QY 411 PSTGVYTKVASAYLWMIYVWK 432
 DB 439 PSTGVYTKVASAYLWMIYVWK 460

RESULT 64

US-60-212-659-507
 ; Sequence 507, Application US/60212659
 ; GENERAL INFORMATION:
 ; APPLICANT: Beasley, Ellen
 ; TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS,
 ; NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
 ; TITLE OF INVENTION: USES THEREOF
 ; FILE REFERENCE: CL000674
 ; CURRENT APPLICATION NUMBER: US/60/212,659
 ; CURRENT FILING DATE: 2000-06-19
 ; NUMBER OF SEQ ID NOS: 879
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 507
 ; LENGTH: 506
 ; TYPE: PRT
 ; ORGANISM: HUMAN
 ; US-60-212-659-507

Query Match 98.2%; Score 2299.5; DB 46; Length 506;
 Best Local Similarity 97.3%; Pred. No. 5.8e-216;

Matches 430; Conservative 0; Mismatches 1; Indels 11; Gaps 1;

QY 2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 61
 DB 20 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 79
 QY 62 CGQPLHFTPRKQDCGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLQVLSATGM 121
 DB 80 CGQPLHFTPRKQDCGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLQVLSATGM 139
 QY 122 FSACFDNFTALAEATACROMGY-----SSKPTFRAVEIGPDQDLVVEITENSQ 170
 DB 140 FSACFDNFTALAEATACROMGYSSQSLPLDVSSKPTFRAVEIGPDQDLVVEITENSQ 199
 QY 171 ELRMNNSGPGCLSGSLVSLHCLACGKSLKTPRVVGEAEASVDSWPMQVSIQYDKQHVCGG 230
 DB 200 ELRMNNSGPGCLSGSLVSLHCLACGKSLKTPRVVGEAEASVDSWPMQVSIQYDKQHVCGG 259
 QY 231 SLDPHWLTLTAHCRKRTDVNMKVRAGSDKLSFPFSLAVAKIIIEFNPMYPPONDIA 290
 DB 260 SLDPHWLTLTAHCRKRTDVNMKVRAGSDKLSFPFSLAVAKIIIEFNPMYPPONDIA 319
 QY 291 LMKLOPLTFSGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYID 350
 DB 320 LMKLOPLTFSGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYID 379
 QY 351 STRCNADAYQGEVTEKMKAGIPBGGVDTCCGDSGGPLMTQSDOMHVIVISWGYCGG 410
 DB 380 STRCNADAYQGEVTEKMKAGIPBGGVDTCCGDSGGPLMTQSDOMHVIVISWGYCGG 439
 QY 411 PSTGVYTKVASAYLWMIYVWK 432
 DB 440 PSTGVYTKVASAYLWMIYVWK 461

RESULT 65

US-60-233-940-145
 ; Sequence 145, Application US/60233940
 ; GENERAL INFORMATION:
 ; APPLICANT: Beasley, Ellen
 ; TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS,
 ; NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
 ; TITLE OF INVENTION: USES THEREOF

FILE REFERENCE: CL000823
 ; CURRENT APPLICATION NUMBER: US/60/233,940
 ; CURRENT FILING DATE: 2000-09-18
 ; NUMBER OF SEQ ID NOS: 252
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 145
 ; LENGTH: 526
 ; TYPE: PRT
 ; ORGANISM: HUMAN
 ; US-60-233-940-145

Query Match 98.2%; Score 2299.5; DB 46; Length 526;
 Best Local Similarity 97.3%; Pred. No. 6.2e-216;

Matches 430; Conservative 0; Mismatches 1; Indels 11; Gaps 1;

QY 2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 61
 DB 25 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 84
 QY 62 CGQPLHFTPRKQDCGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLQVLSATGM 121
 DB 85 CGQPLHFTPRKQDCGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLQVLSATGM 144
 QY 122 FSACFDNFTALAEATACROMGY-----SSKPTFRAVEIGPDQDLVVEITENSQ 170
 DB 145 FSACFDNFTALAEATACROMGYSSQSLPLDVSSKPTFRAVEIGPDQDLVVEITENSQ 204
 QY 171 ELRMNNSGPGCLSGSLVSLHCLACGKSLKTPRVVGEAEASVDSWPMQVSIQYDKQHVCGG 230
 DB 205 ELRMNNSGPGCLSGSLVSLHCLACGKSLKTPRVVGEAEASVDSWPMQVSIQYDKQHVCGG 264
 QY 231 SLDPHWLTLTAHCRKRTDVNMKVRAGSDKLSFPFSLAVAKIIIEFNPMYPPONDIA 290
 DB 265 SLDPHWLTLTAHCRKRTDVNMKVRAGSDKLSFPFSLAVAKIIIEFNPMYPPONDIA 324
 QY 291 LMKLOPLTFSGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYID 350
 DB 325 LMKLOPLTFSGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYID 384
 QY 351 STRCNADAYQGEVTEKMKAGIPBGGVDTCCGDSGGPLMTQSDOMHVIVISWGYCGG 410
 DB 385 STRCNADAYQGEVTEKMKAGIPBGGVDTCCGDSGGPLMTQSDOMHVIVISWGYCGG 444
 QY 411 PSTGVYTKVASAYLWMIYVWK 432
 DB 445 PSTGVYTKVASAYLWMIYVWK 466

RESULT 66

PCT-US02-09671-1587
 ; Sequence 1587, Application PC/TUS0209671
 ; GENERAL INFORMATION:
 ; APPLICANT: Zycoo Inc.
 ; TITLE OF INVENTION: TRANSLATIONAL PROFILING
 ; FILE REFERENCE: 08191-026W01
 ; CURRENT APPLICATION NUMBER: PCT/US02/09671
 ; CURRENT FILING DATE: 2002-03-28
 ; PRIOR APPLICATION NUMBER: 60/279,495
 ; PRIOR FILING DATE: 2001-03-28
 ; PRIOR APPLICATION NUMBER: 60/292,544
 ; PRIOR FILING DATE: 2001-05-21
 ; PRIOR APPLICATION NUMBER: 60/310,801
 ; PRIOR FILING DATE: 2001-08-08
 ; PRIOR APPLICATION NUMBER: 60/326,370
 ; PRIOR FILING DATE: 2001-10-01
 ; PRIOR APPLICATION NUMBER: 60/336,780
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: 60/358,985
 ; PRIOR FILING DATE: 2002-02-20
 ; NUMBER OF SEQ ID NOS: 2041
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 1587
 ; LENGTH: 432

```

; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1587

```

```

Query Match      98.1%; Score 2297.5; DB 1; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSQPLNSLDVPRKRPIMETFRKVGIPITIALSLASIIIVVLKILDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPIMETFRKVGIPITIALSLASIIIVVLKILDKYFL 63
QY 62 CGQPLHFIIPRKQICDGLDCLPGEDEHCVKSPPEGAVALRSKORSTLQVLDATGNW 121
DB 64 CGQPLHFIIPRKQICDGLDCLPGEDEHCVKSPPEGAVALRSKORSTLQVLDATGNW 123
QY 122 FSACFDNFTEALTAETACRQMGYS----RAVEIGPQDDLDVVEITENSOELMRNNSGPG 181
DB 124 FSACFDNFTEALTAETACRQMGYS----RAVEIGPQDDLDVVEITENSOELMRNNSGPG 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGSIIIDPHWVLT 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGSIIIDPHWVLT 238
QY 242 AHCRKHTDVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 298
QY 302 GTVRPCLPPEDELTPTATPLMTIGWFTKONGKRSIDLLQASVQVIDSTRCNADAYQ 361
DB 299 GTVRPCLPPEDELTPTATPLMTIGWFTKONGKRSIDLLQASVQVIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGWGCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMTYNNWKAEL 435
DB 419 AYLNMTYNNWKAEL 432

```

```

RESULT 67
PCT-US02-09671-1595
; Sequence 1595, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1595
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1595

```

```

Query Match      98.1%; Score 2297.5; DB 1; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSQPLNSLDVPRKRPIMETFRKVGIPITIALSLASIIIVVLKILDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPIMETFRKVGIPITIALSLASIIIVVLKILDKYFL 63
QY 62 CGQPLHFIIPRKQICDGLDCLPGEDEHCVKSPPEGAVALRSKORSTLQVLDATGNW 121
DB 64 CGQPLHFIIPRKQICDGLDCLPGEDEHCVKSPPEGAVALRSKORSTLQVLDATGNW 123
QY 122 FSACFDNFTEALTAETACRQMGYS----RAVEIGPQDDLDVVEITENSOELMRNNSGPG 181
DB 124 FSACFDNFTEALTAETACRQMGYS----RAVEIGPQDDLDVVEITENSOELMRNNSGPG 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGSIIIDPHWVLT 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGSIIIDPHWVLT 238
QY 242 AHCRKHTDVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 298
QY 302 GTVRPCLPPEDELTPTATPLMTIGWFTKONGKRSIDLLQASVQVIDSTRCNADAYQ 361
DB 299 GTVRPCLPPEDELTPTATPLMTIGWFTKONGKRSIDLLQASVQVIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGWGCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMTYNNWKAEL 435
DB 419 AYLNMTYNNWKAEL 432

```

```

RESULT 68
PCT-US02-09671-1600
; Sequence 1600, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1600
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1600

```

```

Query Match      98.1%; Score 2297.5; DB 1; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSQPLNSLDVPRKRPIMETFRKVGIPITIALSLASIIIVVLKILDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPIMETFRKVGIPITIALSLASIIIVVLKILDKYFL 63
QY 62 CGQPLHFIIPRKQICDGLDCLPGEDEHCVKSPPEGAVALRSKORSTLQVLDATGNW 121

```

Db 64 CGOPLHFI PRKQCDGELDCEPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
Qy 122 PSACFNDPTEALATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELRMNSSGPC 181
Db 124 PSACFNDPTEALATACRQMGYS-----RAVEIGPDOLDVVEITENSQELRMNSSGPC 178
Qy 182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQVCGSILDPHMLTA 241
Db 179 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQVCGSILDPHMLTA 238
Qy 242 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy 302 GTVAPICLPFDEBELTPATPLMIIGMGTQKNGKMSDILLQASVOVIDSTRCNADDA YQ 361
Db 299 GTVAPICLPFDEBELTPATPLMIIGMGTQKNGKMSDILLQASVOVIDSTRCNADDA YQ 358
Qy 362 GEVTERKMMCAGIPREGVDTCQDSDSGPLMYOSDOMHVGVISWGYGCGSPSTPGVYTVS 421
Db 359 GEVTERKMMCAGIPREGVDTCQDSDSGPLMYOSDOMHVGVISWGYGCGSPSTPGVYTVS 418
Qy 422 AYLNMIYVNMKRAEL 435
Db 419 AYLNMIYVNMKRAEL 432

RESULT 69
PCT-US02-41798A-65
Sequence 65, Application PC/TUS0241798A
GENERAL INFORMATION:
APPLICANT: FRANTZ, GRETCHEN
APPLICANT: HILLAN, KENNETH J.
APPLICANT: PHILLIPS, HEIDI S.
APPLICANT: POLAKIS, PAUL
APPLICANT: SMITH, VICTORIA
APPLICANT: SPENCER, SUSAN D.
APPLICANT: WILLIAMS, P. MICKEL
APPLICANT: WU, THOMAS D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
FILE REFERENCE: P5014R1-PCT
CURRENT APPLICATION NUMBER: PCT/US02/41798A
CURRENT FILING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US 60/345,444
PRIOR FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: US 60/351,885
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: US 60/360,066
PRIOR FILING DATE: 2002-02-25
PRIOR APPLICATION NUMBER: US 60/362,004
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: US 60/366,869
PRIOR FILING DATE: 2002-03-20
PRIOR APPLICATION NUMBER: US 60/366,284
PRIOR FILING DATE: 2002-03-21
PRIOR APPLICATION NUMBER: US 60/368,679
PRIOR FILING DATE: 2002-03-28
PRIOR APPLICATION NUMBER: US 60/404,809
PRIOR FILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: US 60/405,645
PRIOR FILING DATE: 2002-08-21
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 65
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapien
PCT-US02-41798A-65

Query Match 98.1%; Score 2297.5; DB 1; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVVLKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVVLKVLIDKXYFL 63
Qy 62 CGOPLHFI PRKQCDGELDCEPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
Db 64 CGOPLHFI PRKQCDGELDCEPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
Qy 122 PSACFNDPTEALATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELRMNSSGPC 181
Db 124 PSACFNDPTEALATACRQMGYS-----RAVEIGPDOLDVVEITENSQELRMNSSGPC 178
Qy 182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQVCGSILDPHMLTA 241
Db 179 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQVCGSILDPHMLTA 238
Qy 242 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy 302 GTVAPICLPFDEBELTPATPLMIIGMGTQKNGKMSDILLQASVOVIDSTRCNADDA YQ 361
Db 299 GTVAPICLPFDEBELTPATPLMIIGMGTQKNGKMSDILLQASVOVIDSTRCNADDA YQ 358
Qy 362 GEVTERKMMCAGIPREGVDTCQDSDSGPLMYOSDOMHVGVISWGYGCGSPSTPGVYTVS 421
Db 359 GEVTERKMMCAGIPREGVDTCQDSDSGPLMYOSDOMHVGVISWGYGCGSPSTPGVYTVS 418
Qy 422 AYLNMIYVNMKRAEL 435
Db 419 AYLNMIYVNMKRAEL 432

RESULT 70
US-09-888-257A-7
Sequence 7, Application US/0988257A
GENERAL INFORMATION:
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Polakis, Paul
APPLICANT: Smith, Victoria
APPLICANT: Wood, William I.
APPLICANT: Wu, Thomas D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
FILE REFERENCE: P5002R1
CURRENT APPLICATION NUMBER: US/09/888,257A
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/063,540
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: US 60/089,653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: US 60/099,792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: US 60/103,678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: US 60/235,451
PRIOR FILING DATE: 2000-09-26
PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: 1999-06-02
PRIOR APPLICATION NUMBER: PCT/US99/20111
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: PCT/US00/04342
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/08439
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: PCT/US00/23328

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; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/06666
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 10
; SEQ ID NO 7
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-888-257A-7

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```

Query Match      98.1%; Score 2297.5; DB 28; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSQPLNSLDVYKPKRPRIPMETPRKVGIPITIALSLASITIVVLIKILDKYFL 61
   4 DPDSQPLNSLDVYKPKRPRIPMETPRKVGIPITIALSLASITIVVLIKILDKYFL 63
QY 62 CGQPLHPIRKQICDGEILDCPLGEBDEHCVKSPFPGPAVAVRLSKORSTLQVLDSATGNW 121
   64 CGQPLHPIRKQICDGEILDCPLGEBDEHCVKSPFPGPAVAVRLSKORSTLQVLDSATGNW 123
QY 122 FSACDNFTEALAEATACROMGYSKPTPRAVEIGPDOLDVVEITENSQELRMNRSSPC 181
   124 FSACDNFTEALAEATACROMGYS-----RAVEIGPDOLDVVEITENSQELRMNRSSPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGEBAASVDSMPQVSIQYDKQHCVCSSILDPHWLTA 241
   179 LSGSLVSLHCLACGSKLTPRVVGEBAASVDSMPQVSIQYDKQHCVCSSILDPHWLTA 238
QY 242 AHCFKRDHVDENWVKYRASDKGSPSLAVAKIIIEENPMYKXNDIALMKLOPPLTFS 301
   239 AHCFKRDHVDENWVKYRASDKGSPSLAVAKIIIEENPMYKXNDIALMKLOPPLTFS 298
QY 302 GTVRPICKPFDEBELTPATPLMIIGMFTKONGKMSIILQASVOYVDSRGNADAYQ 361
   299 GTVRPICKPFDEBELTPATPLMIIGMFTKONGKMSIILQASVOYVDSRGNADAYQ 358
QY 362 GEVTEKMMKACGIPREGGVUTCOGDSGGPLMYOSDOMHVVGVISWYCGGSPSTPGVYTKVS 421
   359 GEVTEKMMKACGIPREGGVUTCOGDSGGPLMYOSDOMHVVGVISWYCGGSPSTPGVYTKVS 418
QY 422 AYLMWYVWMAEL 435
   419 AYLMWYVWMAEL 432
Db

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RESULT 71
US-09-946-374-275
; Sequence 275, Application US/09946374
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bocstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

```

```

; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C1
; CURRENT APPLICATION NUMBER: US/09/946,374
; PRIOR FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100661
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100683
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100684
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100710
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100711
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100848

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1	PRIOR FILING DATE: 1998-09-18	60/100849
2	PRIOR APPLICATION NUMBER: 60/100849	
3	PRIOR FILING DATE: 1998-09-18	
4	PRIOR APPLICATION NUMBER: 60/100919	
5	PRIOR FILING DATE: 1998-09-17	
6	PRIOR APPLICATION NUMBER: 60/100930	
7	PRIOR FILING DATE: 1998-09-17	
8	PRIOR APPLICATION NUMBER: 60/101014	
9	PRIOR FILING DATE: 1998-09-18	
10	PRIOR APPLICATION NUMBER: 60/101068	
11	PRIOR FILING DATE: 1998-09-18	
12	PRIOR APPLICATION NUMBER: 60/101071	
13	PRIOR FILING DATE: 1998-09-18	
14	PRIOR APPLICATION NUMBER: 60/101279	
15	PRIOR FILING DATE: 1998-09-22	
16	PRIOR APPLICATION NUMBER: 60/101471	
17	PRIOR FILING DATE: 1998-09-23	
18	PRIOR APPLICATION NUMBER: 60/101472	
19	PRIOR FILING DATE: 1998-09-23	
20	PRIOR APPLICATION NUMBER: 60/101474	
21	PRIOR FILING DATE: 1998-09-23	
22	PRIOR APPLICATION NUMBER: 60/101475	
23	PRIOR FILING DATE: 1998-09-23	
24	PRIOR APPLICATION NUMBER: 60/101476	
25	PRIOR FILING DATE: 1998-09-23	
26	PRIOR APPLICATION NUMBER: 60/101477	
27	PRIOR FILING DATE: 1998-09-23	
28	PRIOR APPLICATION NUMBER: 60/101479	
29	PRIOR FILING DATE: 1998-09-23	
30	PRIOR APPLICATION NUMBER: 60/101738	
31	PRIOR FILING DATE: 1998-09-24	
32	PRIOR APPLICATION NUMBER: 60/101741	
33	PRIOR FILING DATE: 1998-09-24	
34	PRIOR APPLICATION NUMBER: 60/101743	
35	PRIOR FILING DATE: 1998-09-24	
36	PRIOR APPLICATION NUMBER: 60/101915	
37	PRIOR FILING DATE: 1998-09-24	
38	PRIOR APPLICATION NUMBER: 60/101916	
39	PRIOR FILING DATE: 1998-09-24	
40	PRIOR APPLICATION NUMBER: 60/102207	
41	PRIOR FILING DATE: 1998-09-29	
42	PRIOR APPLICATION NUMBER: 60/102240	
43	PRIOR FILING DATE: 1998-09-29	
44	PRIOR APPLICATION NUMBER: 60/102330	
45	PRIOR FILING DATE: 1998-09-29	
46	PRIOR APPLICATION NUMBER: 60/102331	
47	PRIOR FILING DATE: 1998-09-29	
48	PRIOR APPLICATION NUMBER: 60/102484	
49	PRIOR FILING DATE: 1998-09-30	
50	PRIOR APPLICATION NUMBER: 60/102487	
51	PRIOR FILING DATE: 1998-09-30	
52	PRIOR APPLICATION NUMBER: 60/102570	
53	PRIOR FILING DATE: 1998-09-30	
54	PRIOR APPLICATION NUMBER: 60/102571	
55	PRIOR FILING DATE: 1998-09-30	
56	PRIOR APPLICATION NUMBER: 60/102684	
57	PRIOR FILING DATE: 1998-10-01	
58	PRIOR APPLICATION NUMBER: 60/102687	
59	PRIOR FILING DATE: 1998-10-01	
60	PRIOR APPLICATION NUMBER: 60/102965	
61	PRIOR FILING DATE: 1998-10-02	
62	PRIOR APPLICATION NUMBER: 60/103258	
63	PRIOR FILING DATE: 1998-10-06	
64	PRIOR APPLICATION NUMBER: 60/103314	
65	PRIOR FILING DATE: 1998-10-07	
66	PRIOR APPLICATION NUMBER: 60/103315	
67	PRIOR FILING DATE: 1998-10-07	
68	PRIOR APPLICATION NUMBER: 60/103328	
69	PRIOR FILING DATE: 1998-10-07	
70	PRIOR APPLICATION NUMBER: 60/103355	
71	PRIOR FILING DATE: 1998-10-07	

1	PRIOR APPLICATION NUMBER: 60/1033356
2	PRIOR FILING DATE: 1998-10-07
3	PRIOR APPLICATION NUMBER: 60/103401
4	PRIOR FILING DATE: 1998-10-07
5	PRIOR APPLICATION NUMBER: 60/103449
6	PRIOR FILING DATE: 1998-10-06
7	PRIOR APPLICATION NUMBER: 60/103633
8	PRIOR FILING DATE: 1998-10-08
9	PRIOR APPLICATION NUMBER: 60/103678
10	PRIOR FILING DATE: 1998-10-08
11	PRIOR APPLICATION NUMBER: 60/103679
12	PRIOR FILING DATE: 1998-10-08
13	PRIOR APPLICATION NUMBER: 60/103711
14	PRIOR FILING DATE: 1998-10-08
15	PRIOR APPLICATION NUMBER: 60/104257
16	PRIOR FILING DATE: 1998-10-14
17	PRIOR APPLICATION NUMBER: 60/104987
18	PRIOR FILING DATE: 1998-10-20
19	PRIOR APPLICATION NUMBER: 60/105000
20	PRIOR FILING DATE: 1998-10-20
21	PRIOR APPLICATION NUMBER: 60/105002
22	PRIOR FILING DATE: 1998-10-20
23	PRIOR APPLICATION NUMBER: 60/105104
24	PRIOR FILING DATE: 1998-10-21
25	PRIOR APPLICATION NUMBER: 60/105168
26	PRIOR FILING DATE: 1998-10-22
27	PRIOR APPLICATION NUMBER: 60/105266
28	PRIOR FILING DATE: 1998-10-22
29	PRIOR APPLICATION NUMBER: 60/105693
30	PRIOR FILING DATE: 1998-10-26
31	PRIOR APPLICATION NUMBER: 60/105694
32	PRIOR FILING DATE: 1998-10-26
33	PRIOR APPLICATION NUMBER: 60/105807
34	PRIOR FILING DATE: 1998-10-27

Query Match	98.1%;	Score 2297.5;	DB 29;	Length 432;
Best Local Similarity	98.8%;	Pred. No. 7.4e-216;		
Matches 429;	Conservative 0;	Mismatches 0;	Indels 5;	Gaps 1

QY	2	DPSDDPLNSLVKCPKLRKRIPEMETERKVGIPILIIALLSLASIIIVVLKVILDKXYFL	61
Db	4	DPSDDPLNSLVKCPKLRKRIPEMETERKVGIPILIIALLSLASIIIVVLKVILDKXYFL	63
QY	62	CGQPLHFIPIRKOCLGSELDCLPGEDBEHCYKSPFEGPAVAVRLSKORSTLOVLDSATGNW	121
Db	64	CGQPLHFIPIRKOCLGSELDCLPGEDBEHCYKSPFEGPAVAVRLSKORSTLOVLDSATGNW	123
QY	122	FSACFENFIPEALBETAACROMGYSSKPTFRAYEIGEDODLDVVEITENSQELRMRNSSGPC	181
Db	124	FSACFENFIPEALBETAACROMGYSSKPTFRAYEIGEDODLDVVEITENSQELRMRNSSGPC	178
QY	182	LSGSLVSLHCLACGKSLKTPRVYGGEEASVDSWPQVYSIOYDKOHVCGSILDEHWLTA	241
Db	179	LSGSLVSLHCLACGKSLKTPRVYGGEEASVDSWPQVYSIOYDKOHVCGSILDEHWLTA	238
QY	242	AHCFRKHDTVFNMKVAVASDGLKGSFSPSLAVAKIIIEBNPMYPRXNDIATLMLKQPLTFIS	301
Db	239	AHCFRKHDTVFNMKVAVASDGLKGSFSPSLAVAKIIIEBNPMYPRXNDIATLMLKQPLTFIS	298
QY	302	GTVRPICLPPEDEBELPATPLMTIOMGFTKONGKMSDILLOASVOYIDSTRCANADAYQ	361
Db	299	GTVRPICLPPEDEBELPATPLMTIOMGFTKONGKMSDILLOASVOYIDSTRCANADAYQ	358
QY	362	GEVTEKMKMGAGIPBEGGVDTCCQDGGGAPLMTOSDQMHVVGIVSMVGGCGGPGSTPGVYTKVS	421
Db	359	GEVTEKMKMGAGIPBEGGVDTCCQDGGGAPLMTOSDQMHVVGIVSMVGGCGGPGSTPGVYTKVS	418
QY	422	AYLNMWYINWYKAEI 435	
Db	419	AYLNMWYINWYKAEI 432	

RESULT 72

```

US-10-006-063A-275
; Sequence 275, Application US/10006063A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C3
; CURRENT APPLICATION NUMBER: US/10/006,063A
; CURRENT FILING DATE: 2002-03-15
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-063A-275

Query Match          98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1

QY 2 DEDSDPLNSLDVCKPRKPRIMEYERKYGIPITLMLSLASITIVVLIKTYLIDKYYFL 61
DB 4 DEDSDPLNSLDVCKPRKPRIMEYERKYGIPITLMLSLASITIVVLIKTYLIDKYYFL 63
QY 62 CGQPLHPIPRKQICDGEIADCPLGDEBEHCVKSPFEGPAVAVALSKORSTLOVLSATGNW 121
DB 64 CGQPLHPIPRKQICDGEIADCPLGDEBEHCVKSPFEGPAVAVALSKORSTLOVLSATGNW 123
QY 122 FSACFDFNPEALAEYACRQMGYSKPTPAVAIEIGDODLDVEITENSQELRMNNSGPC 181
DB 124 FSACFDFNPEALAEYACRQMGYS----RAVEIGDODLDVEITENSQELRMNNSGPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGESEASVDSMPQVSIQYDKQVCGSLIDPHMWLTA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGESEASVDSMPQVSIQYDKQVCGSLIDPHMWLTA 238
QY 242 AHCFKRDHVDVNMKTRAGSDKLGSPSLAVAKIIIEFNPMYKPDNDIALMKLQFPLTFS 301
DB 239 AHCFKRDHVDVNMKTRAGSDKLGSPSLAVAKIIIEFNPMYKPDNDIALMKLQFPLTFS 298
QY 302 GTVRDICLPFDEBELTPATPLMIIGWGFYKXNGKMSIILQASVQVYIDSTRCANADAYQ 361
DB 299 GTVRDICLPFDEBELTPATPLMIIGWGFYKXNGKMSIILQASVQVYIDSTRCANADAYQ 358
QY 362 GEYTERKMKCAGIPRGGVDVTCQSDSGGPIIMYOSDMHWVGVISWVGCGGSGTGVYTKVS 421
DB 359 GEYTERKMKCAGIPRGGVDVTCQSDSGGPIIMYOSDMHWVGVISWVGCGGSGTGVYTKVS 418
QY 422 AYLANWIVVMKAEI 435
DB 419 AYLANWIVVMKAEI 432

RESULT 73
US-10-006-116A-275
; Sequence 275, Application US/10006116A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David

```

1 APPLICANT: Deenoyers, Luc
 2 APPLICANT: Eaton, Dan I.
 3 APPLICANT: Ferrara, Napoleone
 4 APPLICANT: Fong, Sherman
 5 APPLICANT: Gao, Wei-Qiang
 6 APPLICANT: Goddard, Audrey
 7 APPLICANT: Godowski, Paul J.
 8 APPLICANT: Grimaldi, Christopher J.
 9 APPLICANT: Gurney, Austin L.
 10 APPLICANT: Hillan, Kenneth J.
 11 APPLICANT: Pan, James
 12 APPLICANT: Peoni, Nicholas F.
 13 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 14 TITLE OF INVENTION: Acids Encoding the Same
 15 FILE REFERENCE: P2830P1C15
 16 CURRENT APPLICATION NUMBER: US/10/006,116A
 17 CURRENT FILING DATE: 2001-12-16
 18 PRIOR APPLICATION NUMBER: 60/098716
 19 PRIOR FILING DATE: 1998-09-01
 20 PRIOR APPLICATION NUMBER: 60/098723
 21 PRIOR FILING DATE: 1998-09-01
 22 PRIOR APPLICATION NUMBER: 60/098749
 23 PRIOR FILING DATE: 1998-09-01
 24 PRIOR APPLICATION NUMBER: 60/098750
 25 PRIOR FILING DATE: 1998-09-01
 26 PRIOR APPLICATION NUMBER: 60/098803
 27 PRIOR FILING DATE: 1998-09-02
 28 PRIOR APPLICATION NUMBER: 60/098821
 29 PRIOR FILING DATE: 1998-09-02
 30 PRIOR APPLICATION NUMBER: 60/098843
 31 PRIOR FILING DATE: 1998-09-02
 32 PRIOR APPLICATION NUMBER: 60/099536
 33 PRIOR FILING DATE: 1998-09-09
 34 PRIOR APPLICATION NUMBER: 60/099596
 35 PRIOR FILING DATE: 1998-09-09
 36 PRIOR APPLICATION NUMBER: 60/099598
 37 PRIOR FILING DATE: 1998-09-09
 38 PRIOR APPLICATION NUMBER: 60/099602
 39 PRIOR FILING DATE: 1998-09-09
 40 PRIOR APPLICATION NUMBER: 60/099642
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 44 PRIOR APPLICATION NUMBER: 60/099754
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 46 PRIOR APPLICATION NUMBER: 60/099763
 47 PRIOR FILING DATE: 1998-09-10
 48 PRIOR APPLICATION NUMBER: 60/099792
 49 PRIOR FILING DATE: 1998-09-10
 50 PRIOR APPLICATION NUMBER: 60/099808
 51 PRIOR FILING DATE: 1998-09-10
 52 PRIOR APPLICATION NUMBER: 60/099812
 53 PRIOR FILING DATE: 1998-09-10
 54 PRIOR APPLICATION NUMBER: 60/099815
 55 PRIOR FILING DATE: 1998-09-10
 56 PRIOR APPLICATION NUMBER: 60/099816
 57 PRIOR FILING DATE: 1998-09-10
 58 PRIOR APPLICATION NUMBER: 60/100385
 59 PRIOR FILING DATE: 1998-09-15
 60 PRIOR APPLICATION NUMBER: 60/100388
 61 PRIOR FILING DATE: 1998-09-15
 62 PRIOR APPLICATION NUMBER: 60/100390
 63 PRIOR FILING DATE: 1998-09-15
 64 PRIOR APPLICATION NUMBER: 60/100584
 65 PRIOR FILING DATE: 1998-09-16
 66 PRIOR APPLICATION NUMBER: 60/100627
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 72 PRIOR APPLICATION NUMBER: 60/100664
 73 PRIOR FILING DATE: 1998-09-16

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PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258

PRIOR FILING DATE: 1998-10-06
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PRIOR FILING DATE: 1998-10-22
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PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVRLKRLKRPIMETFRVKGPIIITLISLIIIVWLIXLYLKYYP 61
DB 4 DPDSQPLNSLDVRLKRLKRPIMETFRVKGPIIITLISLIIIVWLIXLYLKYYP 63
QY 62 CGOPLHFTIPRKOLCDGEIDCPJGDEDEHCVKSPFPGPAVAVALSDKRSITLQVLDSATGNW 121
DB 64 CGOPLHFTIPRKOLCDGEIDCPJGDEDEHCVKSPFPGPAVAVALSDKRSITLQVLDSATGNW 123
QY 122 FSACPDNFTALAEATACRQMGYSKPTTFAVEIGPDODLDVVEITENSGOELMRNMSGGC 181
DB 124 FSACPDNFTALAEATACRQMGYSKPTTFAVEIGPDODLDVVEITENSGOELMRNMSGGC 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGGEEASVSWPMQVSIQYDKOVCGGSIIDPMWLTJ 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGGEEASVSWPMQVSIQYDKOVCGGSIIDPMWLTJ 238
QY 242 AHCFRKHDFVFMKTRAGSDKLSFPSLAVAKIIIEFPMYKXNDIALMLQEPPLTES 301

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Db      239 AHCFRKTIDVENKVRAGSDKLGSPSLAVAKIIIEBNPMYKONDIALMKLOPPLTFS 298
QY      302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
        |||||||
Db      299 GIVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
QY      362 GEVTERKMMKAGIPREGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
        |||||||
Db      359 GEVTERKMMKAGIPREGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY      422 AYIAMIYVWMAEL 435
        |||||||
Db      419 AYIAMIYVWMAEL 432
    
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RESULT 74

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US-10-006-117A-275
; Sequence 275, Application US/10006117A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Ratou, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C13
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: US/10/006,117A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-117A-275
    
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Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY      2 DSDSDQPLNSLDVXKRLRPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKXYFL 61
        |||||||
Db      4 DSDSDQPLNSLDVXKRLRPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKXYFL 63
QY      62 CGQPLHFIPIRQOLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLDATGMW 121
        |||||||
Db      64 CGQPLHFIPIRQOLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLDATGMW 123
QY      122 PSACFDNFTTEALATACRQMGYSKPTFAVEIGPDDDLVVEITENSQELRNRNSGPG 181
        |||||||
Db      124 PSACFDNFTTEALATACRQMGYSKPTFAVEIGPDDDLVVEITENSQELRNRNSGPG 178
QY      182 LSGSLVSIHCLACGKSLKTPRVVGGEBASVDSWPQVSIQYDRQHVCGGSIIDPHVVLTA 241
        |||||||
Db      179 LSGSLVSIHCLACGKSLKTPRVVGGEBASVDSWPQVSIQYDRQHVCGGSIIDPHVVLTA 238
QY      242 AHCFRKTIDVENKVRAGSDKLGSPSLAVAKIIIEBNPMYKONDIALMKLOPPLTFS 301
        |||||||
Db      239 AHCFRKTIDVENKVRAGSDKLGSPSLAVAKIIIEBNPMYKONDIALMKLOPPLTFS 298
QY      302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
        |||||||
    
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Db      299 GIVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
QY      362 GEVTERKMMKAGIPREGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
        |||||||
Db      359 GEVTERKMMKAGIPREGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY      422 AYIAMIYVWMAEL 435
        |||||||
Db      419 AYIAMIYVWMAEL 432
    
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RESULT 75

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US-10-006-130A-275
; Sequence 275, Application US/10006130A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Ratou, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C17
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: US/10/006,130A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-130A-275
    
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Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY      2 DSDSDQPLNSLDVXKRLRPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKXYFL 61
        |||||||
Db      4 DSDSDQPLNSLDVXKRLRPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKXYFL 63
QY      62 CGQPLHFIPIRQOLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLDATGMW 121
        |||||||
Db      64 CGQPLHFIPIRQOLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLDATGMW 123
QY      122 PSACFDNFTTEALATACRQMGYSKPTFAVEIGPDDDLVVEITENSQELRNRNSGPG 181
        |||||||
Db      124 PSACFDNFTTEALATACRQMGYSKPTFAVEIGPDDDLVVEITENSQELRNRNSGPG 178
QY      182 LSGSLVSIHCLACGKSLKTPRVVGGEBASVDSWPQVSIQYDRQHVCGGSIIDPHVVLTA 241
        |||||||
Db      179 LSGSLVSIHCLACGKSLKTPRVVGGEBASVDSWPQVSIQYDRQHVCGGSIIDPHVVLTA 238
QY      242 AHCFRKTIDVENKVRAGSDKLGSPSLAVAKIIIEBNPMYKONDIALMKLOPPLTFS 301
        |||||||
Db      239 AHCFRKTIDVENKVRAGSDKLGSPSLAVAKIIIEBNPMYKONDIALMKLOPPLTFS 298
QY      302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
        |||||||
Db      299 GIVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
QY      362 GEVTERKMMKAGIPREGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
        |||||||
Db      359 GEVTERKMMKAGIPREGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
    
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OY 422 AYLMWYVWKAEL 435
Db 419 AYLMWYVWKAEL 432

RESULT 76

US-10-006-172A-275
Sequence 275, Application US/10006172A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2830PIC11
CURRENT FILING DATE: 2002-03-19

PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/098821
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PRIOR APPLICATION NUMBER: 60/099815
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 / PRIOR FILING DATE: 1998-10-28
 / PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPRIPMETEKVGIPITIALSLASTIIVWLTKYLDKYYTL 61
 DB 4 DPDSQPLNSLDVYKPRIPMETEKVGIPITIALSLASTIIVWLTKYLDKYYTL 63
 QY 62 CGQPLHPIPRKQDCGELDCEPLGDEDEHCVKSPFEGPBAVAVRLSKRSTLQVLDATGNW 121

DB 64 CGQPLHPIPRKQDCGELDCEPLGDEDEHCVKSPFEGPBAVAVRLSKRSTLQVLDATGNW 123
 QY 122 PSACPDNTTEALAEATACKQMGYSKFTFRAVEIGPDODLVVEITENSOELRMRNSSGPC 181
 DB 124 PSACPDNTTEALAEATACKQMGYS-----RAVEIGPDODLVVEITENSOELRMRNSSGPC 178
 QY 182 LSGSLVSHCLACKSKLXTPEVVGEEASVDSWPMQVSIQYDKQVCGGSIIDPHWVLA 241
 DB 179 LSGSLVSHCLACKSKLXTPEVVGEEASVDSWPMQVSIQYDKQVCGGSIIDPHWVLA 238
 QY 242 AHCRKRTDVNNKVRASGSDLSFSLAVAKIIIEFNMYEKNDIALMKLQPLTFS 301
 DB 239 AHCRKRTDVNNKVRASGSDLSFSLAVAKIIIEFNMYEKNDIALMKLQPLTFS 298
 QY 302 GTVAPICLPFDEELTPATPLMTIIGMGFTKONGKMSDIILOASVYIISTRCNADAYQ 361
 DB 299 GTVAPICLPFDEELTPATPLMTIIGMGFTKONGKMSDIILOASVYIISTRCNADAYQ 358
 QY 362 GEYTERKMCAGIPEGGVDTQSGDSGPLMYQSDQMHVGVISWYXCGGSPITPGVYTKVS 421
 DB 359 GEYTERKMCAGIPEGGVDTQSGDSGPLMYQSDQMHVGVISWYXCGGSPITPGVYTKVS 418
 QY 422 AYLNWIVYWKAEI 435
 DB 419 AYLNWIVYWKAEI 432

RESULT 77
 US-10-006-485A-275
 / Sequence 275, Application US/10006485A
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Batton, Dan L.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2830PIC9
 / CURRENT APPLICATION NUMBER: US/10/006,485A
 / PRIOR FILING DATE: 2001-12-06
 / PRIOR APPLICATION NUMBER: 60/098716
 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098723
 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098749
 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098750
 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098803
 / PRIOR FILING DATE: 1998-09-02
 / PRIOR APPLICATION NUMBER: 60/098821
 / PRIOR FILING DATE: 1998-09-02
 / PRIOR APPLICATION NUMBER: 60/098843
 / PRIOR FILING DATE: 1998-09-02
 / PRIOR APPLICATION NUMBER: 60/099536
 / PRIOR FILING DATE: 1998-09-09
 / PRIOR APPLICATION NUMBER: 60/099596
 / PRIOR FILING DATE: 1998-09-09
 / PRIOR APPLICATION NUMBER: 60/099598
 / PRIOR FILING DATE: 1998-09-09
 / PRIOR APPLICATION NUMBER: 60/099602
 / PRIOR FILING DATE: 1998-09-09
 / PRIOR APPLICATION NUMBER: 60/099642

1	PRIOR APPLICATION NUMBER: 60/101741
2	PRIOR FILING DATE: 1998-09-24
3	PRIOR APPLICATION NUMBER: 60/101743
4	PRIOR FILING DATE: 1998-09-24
5	PRIOR APPLICATION NUMBER: 60/101915
6	PRIOR FILING DATE: 1998-09-24
7	PRIOR APPLICATION NUMBER: 60/101916
8	PRIOR FILING DATE: 1998-09-24
9	PRIOR APPLICATION NUMBER: 60/102207
10	PRIOR FILING DATE: 1998-09-29
11	PRIOR APPLICATION NUMBER: 60/102240
12	PRIOR FILING DATE: 1998-09-29
13	PRIOR APPLICATION NUMBER: 60/102307
14	PRIOR FILING DATE: 1998-09-29
15	PRIOR APPLICATION NUMBER: 60/102330
16	PRIOR FILING DATE: 1998-09-29
17	PRIOR APPLICATION NUMBER: 60/102331
18	PRIOR FILING DATE: 1998-09-29
19	PRIOR APPLICATION NUMBER: 60/102484
20	PRIOR FILING DATE: 1998-09-30
21	PRIOR APPLICATION NUMBER: 60/102487
22	PRIOR FILING DATE: 1998-09-30
23	PRIOR APPLICATION NUMBER: 60/102570
24	PRIOR FILING DATE: 1998-09-30
25	PRIOR APPLICATION NUMBER: 60/102571
26	PRIOR FILING DATE: 1998-09-30
27	PRIOR APPLICATION NUMBER: 60/102684
28	PRIOR FILING DATE: 1998-10-01
29	PRIOR APPLICATION NUMBER: 60/102687
30	PRIOR FILING DATE: 1998-10-01
31	PRIOR APPLICATION NUMBER: 60/102965
32	PRIOR FILING DATE: 1998-10-02
33	PRIOR APPLICATION NUMBER: 60/103258
34	PRIOR FILING DATE: 1998-10-06
35	PRIOR APPLICATION NUMBER: 60/103314
36	PRIOR FILING DATE: 1998-10-07
37	PRIOR APPLICATION NUMBER: 60/103315
38	PRIOR FILING DATE: 1998-10-07
39	PRIOR APPLICATION NUMBER: 60/103328
40	PRIOR FILING DATE: 1998-10-07
41	PRIOR APPLICATION NUMBER: 60/103395
42	PRIOR FILING DATE: 1998-10-07
43	PRIOR APPLICATION NUMBER: 60/103396
44	PRIOR FILING DATE: 1998-10-07
45	PRIOR APPLICATION NUMBER: 60/103401
46	PRIOR FILING DATE: 1998-10-07
47	PRIOR APPLICATION NUMBER: 60/103449
48	PRIOR FILING DATE: 1998-10-06
49	PRIOR APPLICATION NUMBER: 60/103653
50	PRIOR FILING DATE: 1998-10-08
51	PRIOR APPLICATION NUMBER: 60/103678
52	PRIOR FILING DATE: 1998-10-08
53	PRIOR APPLICATION NUMBER: 60/103679
54	PRIOR FILING DATE: 1998-10-08
55	PRIOR APPLICATION NUMBER: 60/103711
56	PRIOR FILING DATE: 1998-10-08
57	PRIOR APPLICATION NUMBER: 60/104257
58	PRIOR FILING DATE: 1998-10-14
59	PRIOR APPLICATION NUMBER: 60/104987
60	PRIOR FILING DATE: 1998-10-20
61	PRIOR APPLICATION NUMBER: 60/105000
62	PRIOR FILING DATE: 1998-10-20
63	PRIOR APPLICATION NUMBER: 60/105002
64	PRIOR FILING DATE: 1998-10-20
65	PRIOR APPLICATION NUMBER: 60/105104
66	PRIOR FILING DATE: 1998-10-21
67	PRIOR APPLICATION NUMBER: 60/105159
68	PRIOR FILING DATE: 1998-10-22
69	PRIOR APPLICATION NUMBER: 60/105266
70	PRIOR FILING DATE: 1998-10-22
71	PRIOR APPLICATION NUMBER: 60/105693
72	PRIOR FILING DATE: 1998-10-26
73	PRIOR APPLICATION NUMBER: 60/105694

;; PRIOR FILING DATE: 1998-10-26
;; PRIOR APPLICATION NUMBER: 60/105807
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105881
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105882
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/106023
;; PRIOR FILING DATE: 1998-10-28
;; PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVCKPLKPKRIPMETRRKVGIPITIALSLASIIYVVLIRKYLDPKYYPL 61
DB 4 DPDSDDPLNSLDVCKPLKPKRIPMETRRKVGIPITIALSLASIIYVVLIRKYLDPKYYPL 63
QY 62 CQGPLHFIPIRQKCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLDATGWM 121
DB 64 CQGPLHFIPIRQKCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLDATGWM 123
QY 122 FSACFENFTEALAEFTACROMGYSKPTFAVEIGPDQDLDVVEITENSQELMRNMSGPC 181
DB 124 FSACFENFTEALAEFTACROMGYS-----FAVEIGPDQDLDVVEITENSQELMRNMSGPC 178
QY 182 LSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPQVOSTOYKHVCGSIIIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPQVOSTOYKHVCGSIIIDPHWVLT 238
QY 242 AHCFRHTVFWKVRAGSDKLGSPFSLAVAKIIIEFNPMVKXNDIALMKLQPLTF 301
DB 239 AHCFRHTVFWKVRAGSDKLGSPFSLAVAKIIIEFNPMVKXNDIALMKLQPLTF 298
QY 302 GTVRPICLPFPEBELTPATPLWIIIGMFTKONGGKMSDIILOASTQVVDSTRCANADAYQ 361
DB 299 GTVRPICLPFPEBELTPATPLWIIIGMFTKONGGKMSDIILOASTQVVDSTRCANADAYQ 358
QY 362 GEVTERKMCAGIPBGGVDTCCGDSGAPLMTQSDQNHVVGISWVGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPBGGVDTCCGDSGAPLMTQSDQNHVVGISWVGCGGSPSTPGVYTKVS 418
QY 422 AYLMNIVWVKREL 435
DB 419 AYLMNIVWVKREL 432

RESULT 78
US-10-006-746A-275

;; Sequence 275, Application US/10006746A
;; GENERAL INFORMATION:

;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Boelstein, David
;; APPLICANT: Deenoyers, Luc
;; APPLICANT: Eaton, Dan L.
;; APPLICANT: Ferrara, Napoleone
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, Christopher J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Pan, James
;; APPLICANT: Paoletti, Nicholas F.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2830P1C5
;; CURRENT APPLICATION NUMBER: US/10/006,746A
;; PRIOR FILING DATE: 2001-12-06
;; PRIOR APPLICATION NUMBER: 60/098716
;; PRIOR FILING DATE: 1998-09-01

;; PRIOR APPLICATION NUMBER: 60/098723
;; PRIOR FILING DATE: 1998-09-01
;; PRIOR APPLICATION NUMBER: 60/098749
;; PRIOR FILING DATE: 1998-09-01
;; PRIOR APPLICATION NUMBER: 60/098750
;; PRIOR FILING DATE: 1998-09-01
;; PRIOR APPLICATION NUMBER: 60/098803
;; PRIOR FILING DATE: 1998-09-02
;; PRIOR APPLICATION NUMBER: 60/098821
;; PRIOR FILING DATE: 1998-09-02
;; PRIOR APPLICATION NUMBER: 60/098843
;; PRIOR FILING DATE: 1998-09-02
;; PRIOR APPLICATION NUMBER: 60/099536
;; PRIOR FILING DATE: 1998-09-09
;; PRIOR APPLICATION NUMBER: 60/099596
;; PRIOR FILING DATE: 1998-09-09
;; PRIOR APPLICATION NUMBER: 60/099598
;; PRIOR FILING DATE: 1998-09-09
;; PRIOR APPLICATION NUMBER: 60/099602
;; PRIOR FILING DATE: 1998-09-09
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;; PRIOR FILING DATE: 1998-09-15
;; PRIOR APPLICATION NUMBER: 60/100390
;; PRIOR FILING DATE: 1998-09-15
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;; PRIOR FILING DATE: 1998-09-16
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;; PRIOR APPLICATION NUMBER: 60/100683
;; PRIOR FILING DATE: 1998-09-17
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;; PRIOR APPLICATION NUMBER: 60/100711
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100848
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/100849
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/100919
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100930
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/101014
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101068

PRIOR FILING DATE: 1998-09-18
 PRIOR APPLICATION NUMBER: 60/101071
 PRIOR FILING DATE: 1998-09-18
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 PRIOR FILING DATE: 1998-10-06
 PRIOR APPLICATION NUMBER: 60/103633
 PRIOR FILING DATE: 1998-10-08
 PRIOR APPLICATION NUMBER: 60/103678
 PRIOR FILING DATE: 1998-10-08

PRIOR APPLICATION NUMBER: 60/103679
 PRIOR FILING DATE: 1998-10-08
 PRIOR APPLICATION NUMBER: 60/103711
 PRIOR FILING DATE: 1998-10-08
 PRIOR APPLICATION NUMBER: 60/104257
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 PRIOR APPLICATION NUMBER: 60/104987
 PRIOR FILING DATE: 1998-10-20
 PRIOR APPLICATION NUMBER: 60/105000
 PRIOR FILING DATE: 1998-10-20
 PRIOR APPLICATION NUMBER: 60/105002
 PRIOR FILING DATE: 1998-10-20
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 PRIOR FILING DATE: 1998-10-21
 PRIOR APPLICATION NUMBER: 60/105169
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 PRIOR APPLICATION NUMBER: 60/105266
 PRIOR FILING DATE: 1998-10-22
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 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105881
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105882
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106023
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1% Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
 Matches 429; Conservative 0; Mismatches 0;

2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVILKIVLIDKXYFL 61
 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVILKIVLIDKXYFL 63
 62 CGOPLHFIPIKQDCBELDCELDCEDEHCVKSPFPGPAVAVRLSKDRSTLOYLDSATGNW 121
 64 CGOPLHFIPIKQDCBELDCELDCEDEHCVKSPFPGPAVAVRLSKDRSTLOYLDSATGNW 123
 122 PSACPDNTEALAEACOMGVSSKPTFAVEIGDQDLVVEITENSQELMRSSGPGC 181
 124 PSACPDNTEALAEACOMGVSSKPTFAVEIGDQDLVVEITENSQELMRSSGPGC 178
 182 LSGSLVSLHCLACGKSLKTPRVGGEASVDSMPQVSIQYDKQHVCGSILDPHVLTA 241
 179 LSGSLVSLHCLACGKSLKTPRVGGEASVDSMPQVSIQYDKQHVCGSILDPHVLTA 238
 242 AHCFKHTDVENMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLFS 301
 239 AHCFKHTDVENMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLFS 298
 302 GTVRPICLPFPEBEETPATPLMTITWGFTKONGCMNDIILQASVOVIDSTRCNADDAVQ 361
 299 GTVRPICLPFPEBEETPATPLMTITWGFTKONGCMNDIILQASVOVIDSTRCNADDAVQ 358
 362 GEVTEKMMACGIPPEGGVDTCCGDSGAPLMYQSDQHVGVISWGWGCGGSPSTPGYTTKVS 421
 359 GEVTEKMMACGIPPEGGVDTCCGDSGAPLMYQSDQHVGVISWGWGCGGSPSTPGYTTKVS 418
 422 AYLNMIYVWKAEI 435
 419 AYLNMIYVWKAEI 432

RESULT 79
 US-10-006-818A-275
 ; Sequence 275, Application US/10006818A
 ; GENERAL INFORMATION:

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; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Katon, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C4
; CURRENT APPLICATION NUMBER: US/10/006,818A
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-818A-275

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPSPDPLNSLDVYKPKRPIPMETFRKVGIPPIIALSLASIIIVVLIKVIIDKRYFL 61
DB 4 DPSPDPLNSLDVYKPKRPIPMETFRKVGIPPIIALSLASIIIVVLIKVIIDKRYFL 63
QY 62 CGQPLHPIPRKQICDGEIDCPLEGEDEHCYKSPFGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHPIPRKQICDGEIDCPLEGEDEHCYKSPFGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 FSACFNFTEALAEFAKCRMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNNSGSPC 181
DB 124 FSACFNFTEALAEFAKCRMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNNSGSPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVYGEBSVDSWPMQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVYGEBSVDSWPMQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHIDVFNWKVRASDGLSPSLAVAKIIIFBNPMYPRKNDIALMKLQPLTFES 301
DB 239 AHCFRKHIDVFNWKVRASDGLSPSLAVAKIIIFBNPMYPRKNDIALMKLQPLTFES 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCNADDAVQ 358
QY 362 GEVTEKMKACGIPRGGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTEKMKACGIPRGGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLMWYINVMKAEI 435
DB 419 AYLMWYINVMKAEI 432

```

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RESULT 80
US-10-006-856A-275
; Sequence 275, Application US/10006856A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Katon, Dan I.
; APPLICANT: Ferrara, Napoleone

```

```

; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C4
; CURRENT APPLICATION NUMBER: US/10/006,856A
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-856A-275

```

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPSPDPLNSLDVYKPKRPIPMETFRKVGIPPIIALSLASIIIVVLIKVIIDKRYFL 61
DB 4 DPSPDPLNSLDVYKPKRPIPMETFRKVGIPPIIALSLASIIIVVLIKVIIDKRYFL 63
QY 62 CGQPLHPIPRKQICDGEIDCPLEGEDEHCYKSPFGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHPIPRKQICDGEIDCPLEGEDEHCYKSPFGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 FSACFNFTEALAEFAKCRMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNNSGSPC 181
DB 124 FSACFNFTEALAEFAKCRMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNNSGSPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVYGEBSVDSWPMQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVYGEBSVDSWPMQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHIDVFNWKVRASDGLSPSLAVAKIIIFBNPMYPRKNDIALMKLQPLTFES 301
DB 239 AHCFRKHIDVFNWKVRASDGLSPSLAVAKIIIFBNPMYPRKNDIALMKLQPLTFES 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCNADDAVQ 358
QY 362 GEVTEKMKACGIPRGGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTEKMKACGIPRGGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLMWYINVMKAEI 435
DB 419 AYLMWYINVMKAEI 432

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RESULT 81
US-10-006-867-112
; Sequence 112, Application US/10006867
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

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TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3230R1C1
CURRENT FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/063435
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/064215
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088734
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PRIOR APPLICATION NUMBER: 60/088863
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
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PRIOR APPLICATION NUMBER: 60/091628
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PRIOR FILING DATE: 1998-08-10
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PRIOR FILING DATE: 1998-08-17
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PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099815
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PRIOR APPLICATION NUMBER: 60/100684
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PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101279
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: 60/101475
PRIOR FILING DATE: 1998-09-23
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PRIOR FILING DATE: 1998-09-24
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PRIOR FILING DATE: 1998-10-08
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PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
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PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106464
PRIOR FILING DATE: 1998-10-30
PRIOR APPLICATION NUMBER: 60/106856
PRIOR FILING DATE: 1998-11-03
PRIOR APPLICATION NUMBER: 60/108807
PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/112419
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/112422
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/112853
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PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/112854
PRIOR FILING DATE: 1998-12-16
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PRIOR APPLICATION NUMBER: 60/113408
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114223
PRIOR FILING DATE: 1998-12-30
PRIOR APPLICATION NUMBER: 60/115614
PRIOR FILING DATE: 1999-01-12

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/ PRIOR APPLICATION NUMBER: 60/116527
/ PRIOR FILING DATE: 1999-01-20
/ PRIOR APPLICATION NUMBER: 60/116843
/ PRIOR FILING DATE: 1999-01-22
/ PRIOR APPLICATION NUMBER: 60/119285
/ PRIOR FILING DATE: 1999-02-09
/ PRIOR APPLICATION NUMBER: 60/119287
/ PRIOR FILING DATE: 1999-02-09
/ PRIOR APPLICATION NUMBER: 60/119525
/ PRIOR FILING DATE: 1999-02-10
/ PRIOR APPLICATION NUMBER: 60/119549
/ PRIOR FILING DATE: 1999-02-10
/ PRIOR APPLICATION NUMBER: 60/120014
/ PRIOR FILING DATE: 1999-02-11
/ PRIOR APPLICATION NUMBER: 60/129122
/ PRIOR FILING DATE: 1999-04-13
/ PRIOR APPLICATION NUMBER: 60/129674
/ PRIOR FILING DATE: 1999-04-16
/ PRIOR APPLICATION NUMBER: 60/131291
/ PRIOR FILING DATE: 1999-04-27
/ PRIOR APPLICATION NUMBER: 60/138387
/ PRIOR FILING DATE: 1999-06-09
/ PRIOR APPLICATION NUMBER: 60/144791
/ PRIOR FILING DATE: 1999-07-20
/ PRIOR APPLICATION NUMBER: 60/169495
/ PRIOR FILING DATE: 1999-12-07
/ PRIOR APPLICATION NUMBER: 60/175481
/ PRIOR FILING DATE: 2000-01-11
/ PRIOR APPLICATION NUMBER: 60/191007
/ PRIOR FILING DATE: 2000-03-21
/ PRIOR APPLICATION NUMBER: 60/199397
/ PRIOR FILING DATE: 2000-04-25
/ PRIOR APPLICATION NUMBER: 09/380139
/ PRIOR FILING DATE: 1998-08-25
/ PRIOR APPLICATION NUMBER: 09/311832
/ PRIOR FILING DATE: 1999-05-14
/ PRIOR APPLICATION NUMBER: 09/380137
/ PRIOR FILING DATE: 1999-08-25
/ PRIOR APPLICATION NUMBER: 09/380138
/ PRIOR FILING DATE: 1999-08-25
/ PRIOR APPLICATION NUMBER: 09/380142
/ PRIOR FILING DATE: 1999-08-25

Query Match
Best Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVKEPLRKPRIPMEFRKVGIPITIALISTASTIIVVVLKVIIDKYFL 61
DB 4 DPDSQPLNSLDVKEPLRKPRIPMEFRKVGIPITIALISTASTIIVVVLKVIIDKYFL 63
QY 62 CGQPHFIPKQOLCDGEIDCEPLGDEDEHCYKSPFEGPAVAVRLSKDSTLOVDSATGM 121
DB 64 CGQPHFIPKQOLCDGEIDCEPLGDEDEHCYKSPFEGPAVAVRLSKDSTLOVDSATGM 123
QY 122 FSACEFNDTEALAEACRQWYSSKPTFRVAIEIPDDLDVVEITENSQELRNNSGPG 181
DB 124 FSACEFNDTEALAEACRQWYSSKPTFRVAIEIPDDLDVVEITENSQELRNNSGPG 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGBEASVDSWPMQVSIQYDKOHVCGGSIIDPHVLA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGBEASVDSWPMQVSIQYDKOHVCGGSIIDPHVLA 238
QY 242 AHCRRKTDVNMVVRAGSDKGSFSLAVAKIIIFENMYPKNDIALMKLOFLRFS 301
DB 239 AHCRRKTDVNMVVRAGSDKGSFSLAVAKIIIFENMYPKNDIALMKLOFLRFS 298
QY 302 GTVAPICLPFDEBELPATPLWIIIGMFTKONGSKMSDILQSVYVISTCNADDAQ 361
DB 299 GTVAPICLPFDEBELPATPLWIIIGMFTKONGSKMSDILQSVYVISTCNADDAQ 358
QY 362 GEYTEKMMGAGIEGAGVDTCCGSGGLPMTQSDQMHVGIIVSWGXCGBPSTPGVYTKVS 421

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DB 359 GEYTEKMMGAGIEGAGVDTCCGSGGLPMTQSDQMHVGIIVSWGXCGBPSTPGVYTKVS 418
QY 422 AYINMIYVWKAEL 435
DB 419 AYINMIYVWKAEL 432

RESULT 82
US-10-007-194A-275
/ Sequence 275, Application US/10007194A
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Bolstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan J.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin B.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC6
/ CURRENT APPLICATION NUMBER: US/10/007,194A
/ PRIOR APPLICATION NUMBER: 2002-06-25
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098716
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098723
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098749
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098750
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098803
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098821
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098843
/ PRIOR FILING DATE: 1998-09-02
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/ PRIOR APPLICATION NUMBER: 60/099815
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/ PRIOR APPLICATION NUMBER: 60/099816
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/100385
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100388

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PRIOR FILING DATE: 1998-09-15	PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15	PRIOR APPLICATION NUMBER: 60/100584
PRIOR FILING DATE: 1998-09-16	PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16	PRIOR APPLICATION NUMBER: 60/100661
PRIOR FILING DATE: 1998-09-16	PRIOR APPLICATION NUMBER: 60/100662
PRIOR FILING DATE: 1998-09-16	PRIOR APPLICATION NUMBER: 60/100664
PRIOR FILING DATE: 1998-09-16	PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17	PRIOR APPLICATION NUMBER: 60/100684
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PRIOR FILING DATE: 1998-09-17	PRIOR APPLICATION NUMBER: 60/100711
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PRIOR FILING DATE: 1998-09-18	PRIOR APPLICATION NUMBER: 60/100849
PRIOR FILING DATE: 1998-09-18	PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17	PRIOR APPLICATION NUMBER: 60/100930
PRIOR FILING DATE: 1998-09-17	PRIOR APPLICATION NUMBER: 60/101014
PRIOR FILING DATE: 1998-09-18	PRIOR APPLICATION NUMBER: 60/101068
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PRIOR FILING DATE: 1998-09-18	PRIOR APPLICATION NUMBER: 60/101279
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PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/101743
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PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/102070
PRIOR FILING DATE: 1998-09-25	PRIOR APPLICATION NUMBER: 60/102240
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PRIOR FILING DATE: 1998-09-29	PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29	PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29	PRIOR APPLICATION NUMBER: 60/102408
PRIOR FILING DATE: 1998-09-30	PRIOR APPLICATION NUMBER: 60/102409

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PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
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PRIOR FILING DATE: 1998-09-30
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PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
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PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
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PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
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PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106029

Query Match      98.1%;   Score 2297.5;   DB 30;   Length 432;
Beet Local Similarity 99.8%;   Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1

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Db      64 CGQPLHPIPRKQJLDCGELDCPLGDEBEHCASFPBGPAAVARSKDSSTIQVDSATGNW 123
Qy      122 FSACDNTFALAEATACQMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGPC 181
Db      124 FSACDNTFALAEATACQMGYS-----RAVEIGPDODLDVVEITENSQELRMNSSGPC 178
Qy      182 LSGSLVSIHCLACCKSLKTPRVVGEEASVDSWFMQVSIQYDKQHVCGGSIIDPHWVLA 241
Db      179 LSGSLVSIHCLACCKSLKTPRVVGEEASVDSWFMQVSIQYDKQHVCGGSIIDPHWVLA 238
Qy      242 AHCRKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOFPLTFS 301
Db      239 AHCRKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOFPLTFS 298
Qy      302 GTVAPICLPFDEBELTATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
Db      299 GTVAPICLPFDEBELTATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
Qy      362 GEYTERKMCAGIPBGGVDTQCGDSGGPLMYQSDQMHWGIVSGYCGGSPSTPGVYTKVS 421
Db      359 GEYTERKMCAGIPBGGVDTQCGDSGGPLMYQSDQMHWGIVSGYCGGSPSTPGVYTKVS 418
Qy      422 AYLNWIVYWKAEI 435
Db      419 AYLNWIVYWKAEI 432
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RESULT 83
US-10-007-236A-275
; Sequence 275, Application US/10007236A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC12
; CURRENT APPLICATION NUMBER: US/10/007,236A
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-007-236A-275
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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
Qy      2 DPDSQDPLNSLDVPELRKPRIPMETFRKVGPIIILALSLASIIIVVILKYLKYYTL 61
Db      4 DPDSQDPLNSLDVPELRKPRIPMETFRKVGPIIILALSLASIIIVVILKYLKYYTL 63
Qy      62 CGQPLHPIPRKQJLDCGELDCPLGDEBEHCASFPBGPAAVARSKDSSTIQVDSATGNW 121
Db      64 CGQPLHPIPRKQJLDCGELDCPLGDEBEHCASFPBGPAAVARSKDSSTIQVDSATGNW 123
Qy      122 FSACDNTFALAEATACQMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGPC 181
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Db      124 FSACDNTFALAEATACQMGYS-----RAVEIGPDODLDVVEITENSQELRMNSSGPC 178
Qy      182 LSGSLVSIHCLACCKSLKTPRVVGEEASVDSWFMQVSIQYDKQHVCGGSIIDPHWVLA 241
Db      179 LSGSLVSIHCLACCKSLKTPRVVGEEASVDSWFMQVSIQYDKQHVCGGSIIDPHWVLA 238
Qy      242 AHCRKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOFPLTFS 301
Db      239 AHCRKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOFPLTFS 298
Qy      302 GTVAPICLPFDEBELTATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
Db      299 GTVAPICLPFDEBELTATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
Qy      362 GEYTERKMCAGIPBGGVDTQCGDSGGPLMYQSDQMHWGIVSGYCGGSPSTPGVYTKVS 421
Db      359 GEYTERKMCAGIPBGGVDTQCGDSGGPLMYQSDQMHWGIVSGYCGGSPSTPGVYTKVS 418
Qy      422 AYLNWIVYWKAEI 435
Db      419 AYLNWIVYWKAEI 432
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RESULT 84
US-10-011-671A-275
; Sequence 275, Application US/10011671A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC27
; CURRENT APPLICATION NUMBER: US/10/011,671A
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
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1	PRIOR FILING DATE: 1998-09-10
2	PRIOR APPLICATION NUMBER: 60/099763
3	PRIOR FILING DATE: 1998-09-10
4	PRIOR APPLICATION NUMBER: 60/099792
5	PRIOR FILING DATE: 1998-09-10
6	PRIOR APPLICATION NUMBER: 60/099808
7	PRIOR FILING DATE: 1998-09-10
8	PRIOR APPLICATION NUMBER: 60/099812
9	PRIOR FILING DATE: 1998-09-10
10	PRIOR APPLICATION NUMBER: 60/099815
11	PRIOR FILING DATE: 1998-09-10
12	PRIOR APPLICATION NUMBER: 60/099816
13	PRIOR FILING DATE: 1998-09-10
14	PRIOR APPLICATION NUMBER: 60/100385
15	PRIOR FILING DATE: 1998-09-15
16	PRIOR APPLICATION NUMBER: 60/100388
17	PRIOR FILING DATE: 1998-09-15
18	PRIOR APPLICATION NUMBER: 60/100390
19	PRIOR FILING DATE: 1998-09-15
20	PRIOR APPLICATION NUMBER: 60/100584
21	PRIOR FILING DATE: 1998-09-16
22	PRIOR APPLICATION NUMBER: 60/100627
23	PRIOR FILING DATE: 1998-09-16
24	PRIOR APPLICATION NUMBER: 60/100661
25	PRIOR FILING DATE: 1998-09-16
26	PRIOR APPLICATION NUMBER: 60/100662
27	PRIOR FILING DATE: 1998-09-16
28	PRIOR APPLICATION NUMBER: 60/100664
29	PRIOR FILING DATE: 1998-09-16
30	PRIOR APPLICATION NUMBER: 60/100683
31	PRIOR FILING DATE: 1998-09-17
32	PRIOR APPLICATION NUMBER: 60/100684
33	PRIOR FILING DATE: 1998-09-17
34	PRIOR APPLICATION NUMBER: 60/100710
35	PRIOR FILING DATE: 1998-09-17
36	PRIOR APPLICATION NUMBER: 60/100711
37	PRIOR FILING DATE: 1998-09-17
38	PRIOR APPLICATION NUMBER: 60/100848
39	PRIOR FILING DATE: 1998-09-18
40	PRIOR APPLICATION NUMBER: 60/100849
41	PRIOR FILING DATE: 1998-09-18
42	PRIOR APPLICATION NUMBER: 60/100919
43	PRIOR FILING DATE: 1998-09-17
44	PRIOR APPLICATION NUMBER: 60/100930
45	PRIOR FILING DATE: 1998-09-17
46	PRIOR APPLICATION NUMBER: 60/101014
47	PRIOR FILING DATE: 1998-09-18
48	PRIOR APPLICATION NUMBER: 60/101068
49	PRIOR FILING DATE: 1998-09-18
50	PRIOR APPLICATION NUMBER: 60/101071
51	PRIOR FILING DATE: 1998-09-18
52	PRIOR APPLICATION NUMBER: 60/101279
53	PRIOR FILING DATE: 1998-09-22
54	PRIOR APPLICATION NUMBER: 60/101471
55	PRIOR FILING DATE: 1998-09-23
56	PRIOR APPLICATION NUMBER: 60/101472
57	PRIOR FILING DATE: 1998-09-23
58	PRIOR APPLICATION NUMBER: 60/101474
59	PRIOR FILING DATE: 1998-09-23
60	PRIOR APPLICATION NUMBER: 60/101475
61	PRIOR FILING DATE: 1998-09-23
62	PRIOR APPLICATION NUMBER: 60/101476
63	PRIOR FILING DATE: 1998-09-23
64	PRIOR APPLICATION NUMBER: 60/101477
65	PRIOR FILING DATE: 1998-09-23
66	PRIOR APPLICATION NUMBER: 60/101479
67	PRIOR FILING DATE: 1998-09-23
68	PRIOR APPLICATION NUMBER: 60/101738
69	PRIOR FILING DATE: 1998-09-24
70	PRIOR APPLICATION NUMBER: 60/101741
71	PRIOR FILING DATE: 1998-09-24
72	PRIOR APPLICATION NUMBER: 60/101743
73	PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER:	60/101915
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101916
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/102207
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102240
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102307
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102330
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102331
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102484
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102487
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102570
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102571
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102664
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102667
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102965
PRIOR FILING DATE:	1998-10-02
PRIOR APPLICATION NUMBER:	60/103258
PRIOR FILING DATE:	1998-10-06
PRIOR APPLICATION NUMBER:	60/103314
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103315
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103328
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103395
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103396
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103401
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103449
PRIOR FILING DATE:	1998-10-06
PRIOR APPLICATION NUMBER:	60/103633
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103679
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103711
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/104257
PRIOR FILING DATE:	1998-10-14
PRIOR APPLICATION NUMBER:	60/104987
PRIOR FILING DATE:	1998-10-20
PRIOR APPLICATION NUMBER:	60/105000
PRIOR FILING DATE:	1998-10-20
PRIOR APPLICATION NUMBER:	60/105002
PRIOR FILING DATE:	1998-10-20
PRIOR APPLICATION NUMBER:	60/105104
PRIOR FILING DATE:	1998-10-21
PRIOR APPLICATION NUMBER:	60/105165
PRIOR FILING DATE:	1998-10-22
PRIOR APPLICATION NUMBER:	60/105266
PRIOR FILING DATE:	1998-10-22
PRIOR APPLICATION NUMBER:	60/105639
PRIOR FILING DATE:	1998-10-26
PRIOR APPLICATION NUMBER:	60/105694
PRIOR FILING DATE:	1998-10-26
PRIOR APPLICATION NUMBER:	60/105807
PRIOR FILING DATE:	1998-10-27
PRIOR APPLICATION NUMBER:	60/105881

;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105882
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/106023
;; PRIOR FILING DATE: 1998-10-28
;; PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKPRIPMETPRKVGIPITIALSLASIIIVVLKVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPLKPRIPMETPRKVGIPITIALSLASIIIVVLKVLIDKXYFL 63
QY 62 CGQPLHFIPIKQICDGLDCPLGDEEHCVKSPFEGPAAVRLSKRSTLQVLDATGWM 121
DB 64 CGQPLHFIPIKQICDGLDCPLGDEEHCVKSPFEGPAAVRLSKRSTLQVLDATGWM 123
QY 122 FSACFDNFTALAEATACRQWYSKPTFAVEIGPDDLDVVEITENSQELMRNSSGFC 181
DB 124 FSACFDNFTALAEATACRQWYSKPTFAVEIGPDDLDVVEITENSQELMRNSSGFC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHVLTA 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHVLTA 238
QY 242 AHCFRKHTEVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPFLPS 301
DB 239 AHCFRKHTEVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPFLPS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLOASVOVIDSTRCNADDAVQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLOASVOVIDSTRCNADDAVQ 358
QY 362 GEYTEKMKCGIPBEGVDTCQDSSGGLMYQSDQWVHVGIWSWYGCGBPSTPGVYTKVS 421
DB 359 GEYTEKMKCGIPBEGVDTCQDSSGGLMYQSDQWVHVGIWSWYGCGBPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 85
US-10-011-692A-275

;; Sequence 275, Application US/10011692A
;; GENERAL INFORMATION:

;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan I.
;; APPLICANT: Ferrara, Napoleone
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Grimaldi, Christopher J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2830P1C30
;; CURRENT APPLICATION NUMBER: US/10/011.692A
;; PRIOR FILING DATE: 2001-12-07
;; Prior application removed - See file Wrapper or Palm
;; NUMBER OF SEQ ID NOS: 477
;; SEQ ID NO 275
;; LENGTH: 432
;; TYPE: PRT
;; ORGANISM: Homo sapiens

US-10-011-692A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKPRIPMETPRKVGIPITIALSLASIIIVVLKVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPLKPRIPMETPRKVGIPITIALSLASIIIVVLKVLIDKXYFL 63
QY 62 CGQPLHFIPIKQICDGLDCPLGDEEHCVKSPFEGPAAVRLSKRSTLQVLDATGWM 121
DB 64 CGQPLHFIPIKQICDGLDCPLGDEEHCVKSPFEGPAAVRLSKRSTLQVLDATGWM 123
QY 122 FSACFDNFTALAEATACRQWYSKPTFAVEIGPDDLDVVEITENSQELMRNSSGFC 181
DB 124 FSACFDNFTALAEATACRQWYSKPTFAVEIGPDDLDVVEITENSQELMRNSSGFC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHVLTA 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHVLTA 238
QY 242 AHCFRKHTEVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPFLPS 301
DB 239 AHCFRKHTEVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPFLPS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLOASVOVIDSTRCNADDAVQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLOASVOVIDSTRCNADDAVQ 358
QY 362 GEYTEKMKCGIPBEGVDTCQDSSGGLMYQSDQWVHVGIWSWYGCGBPSTPGVYTKVS 421
DB 359 GEYTEKMKCGIPBEGVDTCQDSSGGLMYQSDQWVHVGIWSWYGCGBPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 86
US-10-011-795A-275

;; Sequence 275, Application US/10011795A
;; GENERAL INFORMATION:

;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan I.
;; APPLICANT: Ferrara, Napoleone
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Grimaldi, Christopher J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2830P1C25
;; CURRENT APPLICATION NUMBER: US/10/011.795A
;; PRIOR FILING DATE: 2001-12-07
;; Prior application removed - See file Wrapper or Palm
;; NUMBER OF SEQ ID NOS: 477
;; SEQ ID NO 275
;; LENGTH: 432
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-011-795A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSDDPLNSLDVYPRKRPRIPIIMETFRKVGIPITIIALLSLASIIIVVLIIVLIDKXYFL 61
Db 4 PPDSDDPLNSLDVYPRKRPRIPIIMETFRKVGIPITIIALLSLASIIIVVLIIVLIDKXYFL 63
QY 62 CGOPLHFIPIKQOLCDGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 121
Db 64 CGOPLHFIPIKQOLCDGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACEDNTEALAEATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELMRNSSGPC 181
Db 124 FSACEDNTEALAEATACRQMGYS-----RAVEIGPDOLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSIHCLACGKSLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 241
Db 179 LSGSLVSIHCLACGKSLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCPKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTF 301
Db 239 AHCPKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTF 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
QY 362 GEVTERKMWACAGIPREGGVDTCCGDSGGPLMYOSDQMHVVGIVSWGCGGSPSTPGYTTKVS 421
Db 359 GEVTERKMWACAGIPREGGVDTCCGDSGGPLMYOSDQMHVVGIVSWGCGGSPSTPGYTTKVS 418
QY 422 AYLMNIYVWKAEI 435
Db 419 AYLMNIYVWKAEI 432

```

RESULT 87

US-10-011-795B-275

Sequence 275, Application US/10011795B

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C25

CURRENT APPLICATION NUMBER: US/10/011,795B

PRIOR APPLICATION NUMBER: 60/098716

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098723

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098749

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098750

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098803

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/098821

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/098843

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/099536

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/099596

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/099598

PRIOR FILING DATE: 1998-09-09

PRIOR Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 275

LENGTH: 432

TYPE: PRT

ORGANISM: Homo sapiens

US-10-011-795B-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSDDPLNSLDVYPRKRPRIPIIMETFRKVGIPITIIALLSLASIIIVVLIIVLIDKXYFL 61
Db 4 DPDSDDPLNSLDVYPRKRPRIPIIMETFRKVGIPITIIALLSLASIIIVVLIIVLIDKXYFL 63
QY 62 CGOPLHFIPIKQOLCDGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 121
Db 64 CGOPLHFIPIKQOLCDGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACEDNTEALAEATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELMRNSSGPC 181
Db 124 FSACEDNTEALAEATACRQMGYS-----RAVEIGPDOLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSIHCLACGKSLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 241
Db 179 LSGSLVSIHCLACGKSLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCPKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTF 301
Db 239 AHCPKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTF 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
QY 362 GEVTERKMWACAGIPREGGVDTCCGDSGGPLMYOSDQMHVVGIVSWGCGGSPSTPGYTTKVS 421
Db 359 GEVTERKMWACAGIPREGGVDTCCGDSGGPLMYOSDQMHVVGIVSWGCGGSPSTPGYTTKVS 418
QY 422 AYLMNIYVWKAEI 435
Db 419 AYLMNIYVWKAEI 432

```

RESULT 88

US-10-012-101B-275

Sequence 275, Application US/10012101B

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C6

CURRENT APPLICATION NUMBER: US/10/012,101B

PRIOR APPLICATION NUMBER: 60/099536

PRIOR FILING DATE: 2001-12-06

PRIOR Application removed - See file Wrapper or Palm

NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-101B-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVILDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVILDKYFL 63
QY 62 CGOPLHFIIPRKQICDGLDPLGDEBEHCYKSPPEGPAVAVRLSKORSTLQVLDSTATGM 121
DB 64 CGOPLHFIIPRKQICDGLDPLGDEBEHCYKSPPEGPAVAVRLSKORSTLQVLDSTATGM 123
QY 122 FSACFDNFTEALATACRQMGYSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTEALATACRQMGYSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGGSIIDPHVLT 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGGSIIDPHVLT 238
QY 242 AHCFRKTDFVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLQPLTFS 301
DB 239 AHCFRKTDFVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLQPLTFS 298
QY 302 GTVRPCLPFPEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDA 361
DB 299 GTVRPCLPFPEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDA 358
QY 362 GEYTEKMCAGIPBEGVDTCQDSDGAPLMTQSDQNHVVGIVSWGCGGSPSTPGYTV 421
DB 359 GEYTEKMCAGIPBEGVDTCQDSDGAPLMTQSDQNHVVGIVSWGCGGSPSTPGYTV 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432
```

RESULT 89

US-10-012-121A-275
Sequence 275, Application US/10012121A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C29
CURRENT APPLICATION NUMBER: US/10/012.121A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens

US-10-012-121A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```
QY 2 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVILDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVILDKYFL 63
QY 62 CGOPLHFIIPRKQICDGLDPLGDEBEHCYKSPPEGPAVAVRLSKORSTLQVLDSTATGM 121
DB 64 CGOPLHFIIPRKQICDGLDPLGDEBEHCYKSPPEGPAVAVRLSKORSTLQVLDSTATGM 123
QY 122 FSACFDNFTEALATACRQMGYSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTEALATACRQMGYSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGGSIIDPHVLT 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGGSIIDPHVLT 238
QY 242 AHCFRKTDFVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLQPLTFS 301
DB 239 AHCFRKTDFVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLQPLTFS 298
QY 302 GTVRPCLPFPEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDA 361
DB 299 GTVRPCLPFPEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDA 358
QY 362 GEYTEKMCAGIPBEGVDTCQDSDGAPLMTQSDQNHVVGIVSWGCGGSPSTPGYTV 421
DB 359 GEYTEKMCAGIPBEGVDTCQDSDGAPLMTQSDQNHVVGIVSWGCGGSPSTPGYTV 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432
```

RESULT 90

US-10-012-137A-275
Sequence 275, Application US/10012137A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C29
CURRENT APPLICATION NUMBER: US/10/012.137A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-137A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIPEMETFRKVGIPITIIIALSLASIIIVVLLIKYILDKXYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIPEMETFRKVGIPITIIIALSLASIIIVVLLIKYILDKXYFL 63
QY 62 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTALATACRQMGYSKPTFRVAIEIGPDOLDVVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALATACRQMGYSKPTFRVAIEIGPDOLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQVCGSILDPHMVTLA 241
DB 179 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQVCGSILDPHMVTLA 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMY PKONDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMY PKONDIALMKLOPPLTFS 298
QY 302 GTVPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTERKMMCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMMCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTKVS 418
QY 422 AYLMWYINVMKRAEL 435
DB 419 AYLMWYINVMKRAEL 432

RESULT 91
US-10-012-149A-275
Sequence 275. Application US/10012149A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Batcon, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C26
CURRENT FILING DATE: 2002-06-25
CURRENT APPLICATION NUMBER: US/10/012,149A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-149A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIPEMETFRKVGIPITIIIALSLASIIIVVLLIKYILDKXYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIPEMETFRKVGIPITIIIALSLASIIIVVLLIKYILDKXYFL 63

QY 62 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTALATACRQMGYSKPTFRVAIEIGPDOLDVVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALATACRQMGYSKPTFRVAIEIGPDOLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQVCGSILDPHMVTLA 241
DB 179 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQVCGSILDPHMVTLA 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMY PKONDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMY PKONDIALMKLOPPLTFS 298
QY 302 GTVPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTERKMMCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMMCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTKVS 418
QY 422 AYLMWYINVMKRAEL 435
DB 419 AYLMWYINVMKRAEL 432

RESULT 92
US-10-012-237A-275
Sequence 275. Application US/10012237A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Batcon, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C21
CURRENT FILING DATE: 2002-06-10
CURRENT APPLICATION NUMBER: US/10/012,237A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-237A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIPEMETFRKVGIPITIIIALSLASIIIVVLLIKYILDKXYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIPEMETFRKVGIPITIIIALSLASIIIVVLLIKYILDKXYFL 63
QY 62 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTALATACRQMGYSKPTFRVAIEIGPDOLDVVEITENSQELMRNSSGPC 181

```

Db      124 FSACFDNFTEALAEACQMGYS-----RAVEIGPDODLDVVEITENSQELMRNSSGPC 178
QY      182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 241
Db      179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 238
QY      242 AHCRKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPYKNDIALMKLOPPLTFS 301
Db      239 AHCRKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPYKNDIALMKLOPPLTFS 298
QY      302 GTVAPICLPFDEELTPATPLMIIGMFTKONGKMSDILLQASVOYIISTRNADAVQ 361
Db      299 GTVAPICLPFDEELTPATPLMIIGMFTKONGKMSDILLQASVOYIISTRNADAVQ 358
QY      362 GEYTERKMMKAGIPBGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db      359 GEYTERKMMKAGIPBGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY      422 AYLNMTYINWKAEI 435
Db      419 AYLNMTYINWKAEI 432

```

```

RESULT 93
US-10-012-752A-275
; Sequence 275, Application US/10012752A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guirey, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC24
; CURRENT APPLICATION NUMBER: US/10/012,752A
; CURRENT FILING DATE: 2002-06-25
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-012-752A-275

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY      2 DPDSQPLNSLDVYPLKRPRIEMETFRKVGIPITIALSLASIIIVVLKVLIDKYFL 61
Db      4 DPDSQPLNSLDVYPLKRPRIEMETFRKVGIPITIALSLASIIIVVLKVLIDKYFL 63
QY      62 CGOPLHFIPIRKQOLCDGLDPLGDEDEHCVKSPFEGPAAVAVRLSKRSTLQVLD SATGM 121
Db      64 CGOPLHFIPIRKQOLCDGLDPLGDEDEHCVKSPFEGPAAVAVRLSKRSTLQVLD SATGM 123
QY      122 FSACFDNFTEALAEACQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 181
Db      124 FSACFDNFTEALAEACQMGYS-----RAVEIGPDODLDVVEITENSQELMRNSSGPC 178
QY      182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 241

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Db      179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 238
QY      242 AHCRKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPYKNDIALMKLOPPLTFS 301
Db      239 AHCRKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPYKNDIALMKLOPPLTFS 298
QY      302 GTVAPICLPFDEELTPATPLMIIGMFTKONGKMSDILLQASVOYIISTRNADAVQ 361
Db      299 GTVAPICLPFDEELTPATPLMIIGMFTKONGKMSDILLQASVOYIISTRNADAVQ 358
QY      362 GEYTERKMMKAGIPBGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db      359 GEYTERKMMKAGIPBGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY      422 AYLNMTYINWKAEI 435
Db      419 AYLNMTYINWKAEI 432

```

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RESULT 94
US-10-012-753A-275
; Sequence 275, Application US/10012753A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guirey, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC17
; CURRENT APPLICATION NUMBER: US/10/012,753A
; CURRENT FILING DATE: 2001-12-07
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-012-753A-275

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```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY      2 DPDSQPLNSLDVYPLKRPRIEMETFRKVGIPITIALSLASIIIVVLKVLIDKYFL 61
Db      4 DPDSQPLNSLDVYPLKRPRIEMETFRKVGIPITIALSLASIIIVVLKVLIDKYFL 63
QY      62 CGOPLHFIPIRKQOLCDGLDPLGDEDEHCVKSPFEGPAAVAVRLSKRSTLQVLD SATGM 121
Db      64 CGOPLHFIPIRKQOLCDGLDPLGDEDEHCVKSPFEGPAAVAVRLSKRSTLQVLD SATGM 123
QY      122 FSACFDNFTEALAEACQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 181
Db      124 FSACFDNFTEALAEACQMGYS-----RAVEIGPDODLDVVEITENSQELMRNSSGPC 178
QY      182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 241
Db      179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 238
QY      242 AHCRKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPYKNDIALMKLOPPLTFS 301
Db      239 AHCRKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPYKNDIALMKLOPPLTFS 298

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QY	362	GEVTETKMKKACGIPBGGVDTCQGSQSGGLPMTQSDQDMHVVGIYSWGYGGCGSPSTPGVYTKVS	421
Db	359	GEVTETKMKKACGIPBGGVDTCQGSQSGGLPMTQSDQDMHVVGIYSWGYGGCGSPSTPGVYTKVS	418
QY	422	AYLNMIVYVWKAEI 435	
Db	419	AYLNMIVYVWKAEI 432	
RESULT 96			
US-10-012-755A-275			
Sequence 275, Application US/10012755A			
GENERAL INFORMATION:			
APPLICANT: Baker, Kevin P.			
APPLICANT: Botstein, David			
APPLICANT: Desnoyers, Luc			
APPLICANT: Eaton, Dan I.			
APPLICANT: Ferrara, Napoleone			
APPLICANT: Fong, Sherman			
APPLICANT: Gao, Wei-Qiang			
APPLICANT: Goddard, Audrey			
APPLICANT: Godowski, Paul J.			
APPLICANT: Grimaldi, Christopher J.			
APPLICANT: Gurney, Austin L.			
APPLICANT: Hillan, Kenneth J.			
APPLICANT: Pan, James			
APPLICANT: Paoni, Nicholas F.			
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic			
TITLE OF INVENTION: Acids Encoding the Same			
FILE REFERENCE: P2830PIC28			
CURRENT APPLICATION NUMBER: US/10/012,755A			
CURRENT FILING DATE: 2002-06-10			
Prior Application removed - See File Wrapper or Palm			
NUMBER OF SEQ ID NOS: 477			
SEQ ID NO 275			
LENGTH: 432			
TYPE: PRT			
ORGANISM: Homo sapiens			
US-10-012-755A-275			
Query Match 98.1%; Score 2297.5; DB 30; Length 432;			
Best Local Similarity 98.8%; Pred. No. 7,4e-216;			
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1			
QY	2	DPDSDDPLNSLDVPLRKPRIPMETPRKVGIPITIIALISLIIIVVLLIKYIILDKYIFL 61	
Db	4	DPDSDDPLNSLDVPLRKPRIPMETPRKVGIPITIIALISLIIIVVLLIKYIILDKYIFL 63	
QY	62	CGQPLHPIPRQQLCDGLDCLGSDDEHCYVSFEGPAVAVRLSKDRSTLOVLSATGM 121	
Db	64	CGQPLHPIPRQQLCDGLDCLGSDDEHCYVSFEGPAVAVRLSKDRSTLOVLSATGM 123	
QY	122	FSACDNDTEALAEATACRQMGYSKPTRAVEIGPDOLDVVEITENSQELRMENSSGPC 181	
Db	124	FSACDNDTEALAEATACRQMGYS-----RAVEIGPDOLDVVEITENSQELRMENSSGPC 178	
QY	182	LSGSLVSIHCLACGSKSLTPRVVGGSEASVDSWPMQVSIQYDKQHVCGSILDPHWLTA 241	
Db	179	LSGSLVSIHCLACGSKSLTPRVVGGSEASVDSWPMQVSIQYDKQHVCGSILDPHWLTA 238	
QY	242	AHCRKATDVVNMKYRAGSDKLGSPSLAVAKIIIEENPMYPRKNDIALMKLOPPLFS 301	
Db	239	AHCRKATDVVNMKYRAGSDKLGSPSLAVAKIIIEENPMYPRKNDIALMKLOPPLFS 298	
QY	302	GVNRPICLPFPEBELTPATPLMIIGMFTKONGKMSDILLQASVQVITSTRCNADDAVQ 361	
Db	299	GVNRPICLPFPEBELTPATPLMIIGMFTKONGKMSDILLQASVQVITSTRCNADDAVQ 358	
QY	362	GEVTETKMKKACGIPBGGVDTCQGSQSGGLPMTQSDQDMHVVGIYSWGYGGCGSPSTPGVYTKVS 421	
Db	359	GEVTETKMKKACGIPBGGVDTCQGSQSGGLPMTQSDQDMHVVGIYSWGYGGCGSPSTPGVYTKVS 418	
QY	422	AYLNMIVYVWKAEI 435	
Db	419	AYLNMIVYVWKAEI 432	

Db 419 AYLNWITNVKAEI 432

RESULT 97

US-10-013-430A-275
 ; Sequence 275, Application US/10013430A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Denoyers, Luc
 ; APPLICANT: Baton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Grimaldi, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1C31
 ; CURRENT APPLICATION NUMBER: US/10/013,430A
 ; PRIOR FILING DATE: 2002-06-25
 ; PRIOR APPLICATION NUMBER: 60/098750
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 275
 ; LENGTH: 432
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-013-430A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7,4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQDPLNSLDVKELRKPRIPMETFRKVGIPITIALSLASIIIVVILKVIDKXYFL 61
 Db 4 DPDSQDPLNSLDVKELRKPRIPMETFRKVGIPITIALSLASIIIVVILKVIDKXYFL 63
 QY 62 CGOPHFLPRKQLCGEHLDCPLGSEBEHCYKSPFEGPAVAVRLSKDSTIQVLDSATGNW 121
 Db 64 CGOPHFLPRKQLCGEHLDCPLGSEBEHCYKSPFEGPAVAVRLSKDSTIQVLDSATGNW 123
 QY 122 FSACFDNFTALAEYACRQMGYSKPTFRAYEIGPDODLDVETITENSQELRMRNSGPC 181
 Db 124 FSACFDNFTALAEYACRQMGYSKPTFRAYEIGPDODLDVETITENSQELRMRNSGPC 178
 QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSPWQVSIQYDKQHVCGSIIIDPHWVLT 241
 Db 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSPWQVSIQYDKQHVCGSIIIDPHWVLT 238
 QY 242 AHCRRKTDVFNMYVRAGSDGLGSPSLAVAKIIIFENMYPRKNDIALMKIQLPILTS 301
 Db 239 AHCRRKTDVFNMYVRAGSDGLGSPSLAVAKIIIFENMYPRKNDIALMKIQLPILTS 298
 QY 302 GTVPICLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADAVQ 361
 Db 299 GTVPICLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCNADAVQ 358
 QY 362 GEVTERKMGCGIPGCGVDTQCGSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
 Db 359 GEVTERKMGCGIPGCGVDTQCGSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
 QY 422 AYLNWITNVKAEI 435
 Db 419 AYLNWITNVKAEI 432

RESULT 98

US-10-013-906A-275
 ; Sequence 275, Application US/10013906A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Denoyers, Luc
 ; APPLICANT: Baton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Grimaldi, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1C36
 ; CURRENT APPLICATION NUMBER: US/10/013,906A
 ; PRIOR FILING DATE: 2002-06-10
 ; PRIOR APPLICATION NUMBER: 60/098716
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098723
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098749
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098750
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098803
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098821
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098843
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/099536
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099596
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099598
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099602
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099642
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099741
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099754
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099763
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099792
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099808
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099812
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099815
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099816
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/100385
 ; PRIOR FILING DATE: 1998-09-15
 ; PRIOR APPLICATION NUMBER: 60/100388
 ; PRIOR FILING DATE: 1998-09-15
 ; PRIOR APPLICATION NUMBER: 60/100390
 ; PRIOR FILING DATE: 1998-09-15
 ; PRIOR APPLICATION NUMBER: 60/100584
 ; PRIOR FILING DATE: 1998-09-16
 ; PRIOR APPLICATION NUMBER: 60/100627
 ; PRIOR FILING DATE: 1998-09-16
 ; PRIOR APPLICATION NUMBER: 60/100661

1	PRIOR FILING DATE: 1998-09-16
2	PRIOR APPLICATION NUMBER: 60/100662
3	PRIOR FILING DATE: 1998-09-16
4	PRIOR APPLICATION NUMBER: 60/100664
5	PRIOR FILING DATE: 1998-09-16
6	PRIOR APPLICATION NUMBER: 60/100683
7	PRIOR FILING DATE: 1998-09-17
8	PRIOR APPLICATION NUMBER: 60/100684
9	PRIOR FILING DATE: 1998-09-17
10	PRIOR APPLICATION NUMBER: 60/100710
11	PRIOR FILING DATE: 1998-09-17
12	PRIOR APPLICATION NUMBER: 60/100711
13	PRIOR FILING DATE: 1998-09-17
14	PRIOR APPLICATION NUMBER: 60/100848
15	PRIOR FILING DATE: 1998-09-18
16	PRIOR APPLICATION NUMBER: 60/100849
17	PRIOR FILING DATE: 1998-09-18
18	PRIOR APPLICATION NUMBER: 60/100919
19	PRIOR FILING DATE: 1998-09-17
20	PRIOR APPLICATION NUMBER: 60/100930
21	PRIOR FILING DATE: 1998-09-17
22	PRIOR APPLICATION NUMBER: 60/101014
23	PRIOR FILING DATE: 1998-09-18
24	PRIOR APPLICATION NUMBER: 60/101068
25	PRIOR FILING DATE: 1998-09-18
26	PRIOR APPLICATION NUMBER: 60/101071
27	PRIOR FILING DATE: 1998-09-18
28	PRIOR APPLICATION NUMBER: 60/101279
29	PRIOR FILING DATE: 1998-09-22
30	PRIOR APPLICATION NUMBER: 60/101471
31	PRIOR FILING DATE: 1998-09-23
32	PRIOR APPLICATION NUMBER: 60/101472
33	PRIOR FILING DATE: 1998-09-23
34	PRIOR APPLICATION NUMBER: 60/101474
35	PRIOR FILING DATE: 1998-09-23
36	PRIOR APPLICATION NUMBER: 60/101475
37	PRIOR FILING DATE: 1998-09-23
38	PRIOR APPLICATION NUMBER: 60/101476
39	PRIOR FILING DATE: 1998-09-23
40	PRIOR APPLICATION NUMBER: 60/101477
41	PRIOR FILING DATE: 1998-09-23
42	PRIOR APPLICATION NUMBER: 60/101479
43	PRIOR FILING DATE: 1998-09-23
44	PRIOR APPLICATION NUMBER: 60/101738
45	PRIOR FILING DATE: 1998-09-24
46	PRIOR APPLICATION NUMBER: 60/101741
47	PRIOR FILING DATE: 1998-09-24
48	PRIOR APPLICATION NUMBER: 60/101743
49	PRIOR FILING DATE: 1998-09-24
50	PRIOR APPLICATION NUMBER: 60/101915
51	PRIOR FILING DATE: 1998-09-24
52	PRIOR APPLICATION NUMBER: 60/101916
53	PRIOR FILING DATE: 1998-09-24
54	PRIOR APPLICATION NUMBER: 60/102207
55	PRIOR FILING DATE: 1998-09-29
56	PRIOR APPLICATION NUMBER: 60/102240
57	PRIOR FILING DATE: 1998-09-29
58	PRIOR APPLICATION NUMBER: 60/102307
59	PRIOR FILING DATE: 1998-09-29
60	PRIOR APPLICATION NUMBER: 60/102330
61	PRIOR FILING DATE: 1998-09-30
62	PRIOR APPLICATION NUMBER: 60/102331
63	PRIOR FILING DATE: 1998-09-29
64	PRIOR APPLICATION NUMBER: 60/102484
65	PRIOR FILING DATE: 1998-09-30
66	PRIOR APPLICATION NUMBER: 60/102571
67	PRIOR FILING DATE: 1998-09-30
68	PRIOR APPLICATION NUMBER: 60/102684
69	PRIOR FILING DATE: 1998-10-01

Query	Local	Similarity	98.1%	Score	2297.5	DB	30	Length	432
Query	182	LSGSLVSLHCLACGSLTTPRVVGGSEASVDSWPMQVSIQYDKQVCCGSIIDPHVLT	241						
Db	124	FSACDNTFTEALAEATACRQMGVS-----RAVEIGPDODLDVVEITENSGELMRNMSGPC	178						
Qy	122	FSACDNTFTEALAEATACRQMGVSAPPTFRAYEIGPDODLDVVEITENSGELMRNMSGPC	181						
Db	64	CGQPLHPIPRKQLCGELDCPLGDBDEBHCVVSFPFGPAVAVRLSDRSTLQVLDASATGNW	123						
Qy	62	CGQPLHPIPRKQLCGELDCPLGDBDEBHCVVSFPFGPAVAVRLSDRSTLQVLDASATGNW	121						
Db	4	DPDSQPLNSLDVXPLRPRIPMEFRFRVGGPIITALLSLASIIIVVYLKIVLDPKYPL	61						
Qy	2	DPDSQPLNSLDVXPLRPRIPMEFRFRVGGPIITALLSLASIIIVVYLKIVLDPKYPL	61						
Db	4	DPDSQPLNSLDVXPLRPRIPMEFRFRVGGPIITALLSLASIIIVVYLKIVLDPKYPL	63						
Qy	62	CGQPLHPIPRKQLCGELDCPLGDBDEBHCVVSFPFGPAVAVRLSDRSTLQVLDASATGNW	121						
Db	64	CGQPLHPIPRKQLCGELDCPLGDBDEBHCVVSFPFGPAVAVRLSDRSTLQVLDASATGNW	123						
Qy	122	FSACDNTFTEALAEATACRQMGVSAPPTFRAYEIGPDODLDVVEITENSGELMRNMSGPC	181						
Db	124	FSACDNTFTEALAEATACRQMGVS-----RAVEIGPDODLDVVEITENSGELMRNMSGPC	178						
Qy	182	LSGSLVSLHCLACGSLTTPRVVGGSEASVDSWPMQVSIQYDKQVCCGSIIDPHVLT	241						


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Db      179  LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPWQVSIQYDKOHVCGGSLIDPHWVLTAA
Qy      242  AHCRKHTDVNNMKYRAGSDKLSGSPSLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS
Db      239  AHCRKHTDVNNMKYRAGSDKLSGSPSLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS
Qy      302  GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVYIDSTRCNADAYQ
Db      299  GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVYIDSTRCNADAYQ
Qy      362  GEYTERKMMKACIPBGGVDTCCGDSGGPLMYQSDQMHWVGIVSWGCGGSPSTGVTYTKVS
Db      359  GEYTERKMMKACIPBGGVDTCCGDSGGPLMYQSDQMHWVGIVSWGCGGSPSTGVTYTKVS
Qy      422  AYLNWIVYNNWKAEL 435
Db      419  AYLNWIVYNNWKAEL 432

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RESULT 99
US-10-013-907A-275
/ Sequence 275, Application US/10013907A
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan 1.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Guiney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas P.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC34
/ CURRENT APPLICATION NUMBER: US/10/013,907A
/ PRIOR FILING DATE: 2001-12-10
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 275
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-013-907A-275

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy      2  DPDSQPLNSLDVYPLKPKRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYFL 61
Db      4  DPDSQPLNSLDVYPLKPKRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYFL 63
Qy      62  CGOPLHPIPRKQLCDGLDCEPLGDEDEHCYKSPBGPAAVAVRLSKRSTLQVLDATGAW 121
Db      64  CGOPLHPIPRKQLCDGLDCEPLGDEDEHCYKSPBGPAAVAVRLSKRSTLQVLDATGAW 123
Qy      122  FSACFDNFTALABTACRQMGYSKPTFRAVEIGPQDDLDVVEITENSGELMRNSSGFC 181
Db      124  FSACFDNFTALABTACRQMGYSKPTFRAVEIGPQDDLDVVEITENSGELMRNSSGFC 178
Qy      182  LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPWQVSIQYDKOHVCGGSLIDPHWVLTAA 241
Db      179  LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPWQVSIQYDKOHVCGGSLIDPHWVLTAA 238
Qy      242  AHCRKHTDVNNMKYRAGSDKLSGSPSLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 301

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Db      239  AHCRKHTDVNNMKYRAGSDKLSGSPSLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 298
Qy      302  GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVYIDSTRCNADAYQ 361
Db      299  GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVYIDSTRCNADAYQ 358
Qy      362  GEYTERKMMKACIPBGGVDTCCGDSGGPLMYQSDQMHWVGIVSWGCGGSPSTGVTYTKVS 421
Db      359  GEYTERKMMKACIPBGGVDTCCGDSGGPLMYQSDQMHWVGIVSWGCGGSPSTGVTYTKVS 418
Qy      422  AYLNWIVYNNWKAEL 435
Db      419  AYLNWIVYNNWKAEL 432

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RESULT 100
US-10-013-909A-275
/ Sequence 275, Application US/10013909A
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan 1.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Guiney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas P.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC35
/ CURRENT APPLICATION NUMBER: US/10/013,909A
/ PRIOR FILING DATE: 2002-06-25
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 275
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-013-909A-275

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy      2  DPDSQPLNSLDVYPLKPKRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYFL 61
Db      4  DPDSQPLNSLDVYPLKPKRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYFL 63
Qy      62  CGOPLHPIPRKQLCDGLDCEPLGDEDEHCYKSPBGPAAVAVRLSKRSTLQVLDATGAW 121
Db      64  CGOPLHPIPRKQLCDGLDCEPLGDEDEHCYKSPBGPAAVAVRLSKRSTLQVLDATGAW 123
Qy      122  FSACFDNFTALABTACRQMGYSKPTFRAVEIGPQDDLDVVEITENSGELMRNSSGFC 181
Db      124  FSACFDNFTALABTACRQMGYSKPTFRAVEIGPQDDLDVVEITENSGELMRNSSGFC 178
Qy      182  LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPWQVSIQYDKOHVCGGSLIDPHWVLTAA 241
Db      179  LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPWQVSIQYDKOHVCGGSLIDPHWVLTAA 238
Qy      242  AHCRKHTDVNNMKYRAGSDKLSGSPSLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 301
Db      239  AHCRKHTDVNNMKYRAGSDKLSGSPSLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 298
Qy      302  GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVYIDSTRCNADAYQ 361
Db      299  GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVQVYIDSTRCNADAYQ 358

```

QY 362 GEYTERKMCAGIPRGVDTCCGDSGGLMYOSDQMHVGVISWKGCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPRGVDTCCGDSGGLMYOSDQMHVGVISWKGCGGSPSTPGVYTKVS 418
QY 422 AYLMWYVWKAEL 435
DB 419 AYLMWYVWKAEL 432

RESULT 101

US-10-013-910A-275
Sequence 275, Application US/10013910A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Paoni, Nicholas F.

APPLICANT: Pan, James

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C3

CURRENT FILING DATE: 2001-12-10

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

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PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

QY 122 FSACFNFTEALAEACRQWYSKPTFAVEIGPDODLDVETENSQELRBNSSGPC 181
DB 124 FSACFNFTEALAEACRQWYS-----RAVEIGPDODLDVETENSQELRBNSSGPC 178
QY 182 LSGSLVSLHCLACKSKLTKRVVGGEEASVDSWFWQVSIQDKQHVGGSLDHPHWLTA 241
DB 179 LSGSLVSLHCLACKSKLTKRVVGGEEASVDSWFWQVSIQDKQHVGGSLDHPHWLTA 238
QY 242 AHCFRKHVDVFNWVRAGSDKLSFSLAVAKITIIIFNPNYPNDNIALMKLOPPLTFS 301
DB 239 AHCFRKHVDVFNWVRAGSDKLSFSLAVAKITIIIFNPNYPNDNIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBLTATPLMIIGWFTKQNGKMSDILLQASVQYIDSTRCANADAYQ 361
DB 299 GTVAPICLPFDEBLTATPLMIIGWFTKQNGKMSDILLQASVQYIDSTRCANADAYQ 358
QY 362 GEYTERKMCAGIPRGVDTCCGDSGGLMYOSDQMHVGVISWKGCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPRGVDTCCGDSGGLMYOSDQMHVGVISWKGCGGSPSTPGVYTKVS 418
QY 422 AYLMWYVWKAEL 435
DB 419 AYLMWYVWKAEL 432

RESULT 102

US-10-013-911A-275
Sequence 275, Application US/10013911A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Paoni, Nicholas F.

APPLICANT: Pan, James

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C3

CURRENT FILING DATE: 2001-12-10

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

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PRIOR FILING DATE: 1998-09-01

US-10-803-530-2.ram

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4	PRIOR APPLICATION NUMBER: 60/099763	4	PRIOR FILING DATE: 1998-09-24
5	PRIOR FILING DATE: 1998-09-10	5	PRIOR APPLICATION NUMBER: 60/101916
6	PRIOR APPLICATION NUMBER: 60/099792	6	PRIOR FILING DATE: 1998-09-24
7	PRIOR FILING DATE: 1998-09-10	7	PRIOR APPLICATION NUMBER: 60/102207
8	PRIOR APPLICATION NUMBER: 60/099808	8	PRIOR FILING DATE: 1998-09-29
9	PRIOR FILING DATE: 1998-09-10	9	PRIOR APPLICATION NUMBER: 60/102240
10	PRIOR APPLICATION NUMBER: 60/099812	10	PRIOR FILING DATE: 1998-09-29
11	PRIOR FILING DATE: 1998-09-10	11	PRIOR APPLICATION NUMBER: 60/102307
12	PRIOR APPLICATION NUMBER: 60/099815	12	PRIOR FILING DATE: 1998-09-29
13	PRIOR FILING DATE: 1998-09-10	13	PRIOR APPLICATION NUMBER: 60/102330
14	PRIOR APPLICATION NUMBER: 60/099816	14	PRIOR FILING DATE: 1998-09-29
15	PRIOR FILING DATE: 1998-09-10	15	PRIOR APPLICATION NUMBER: 60/102331
16	PRIOR APPLICATION NUMBER: 60/100385	16	PRIOR FILING DATE: 1998-09-29
17	PRIOR FILING DATE: 1998-09-15	17	PRIOR APPLICATION NUMBER: 60/102484
18	PRIOR APPLICATION NUMBER: 60/100388	18	PRIOR FILING DATE: 1998-09-30
19	PRIOR FILING DATE: 1998-09-15	19	PRIOR APPLICATION NUMBER: 60/102487
20	PRIOR APPLICATION NUMBER: 60/100390	20	PRIOR FILING DATE: 1998-09-30
21	PRIOR FILING DATE: 1998-09-15	21	PRIOR APPLICATION NUMBER: 60/102570
22	PRIOR APPLICATION NUMBER: 60/100584	22	PRIOR FILING DATE: 1998-09-30
23	PRIOR FILING DATE: 1998-09-16	23	PRIOR APPLICATION NUMBER: 60/102571
24	PRIOR APPLICATION NUMBER: 60/100627	24	PRIOR FILING DATE: 1998-09-30
25	PRIOR FILING DATE: 1998-09-16	25	PRIOR APPLICATION NUMBER: 60/102684
26	PRIOR APPLICATION NUMBER: 60/100661	26	PRIOR FILING DATE: 1998-10-01
27	PRIOR FILING DATE: 1998-09-16	27	PRIOR APPLICATION NUMBER: 60/102687
28	PRIOR APPLICATION NUMBER: 60/100662	28	PRIOR FILING DATE: 1998-10-01
29	PRIOR FILING DATE: 1998-09-16	29	PRIOR APPLICATION NUMBER: 60/102965
30	PRIOR APPLICATION NUMBER: 60/100664	30	PRIOR FILING DATE: 1998-10-02
31	PRIOR FILING DATE: 1998-09-16	31	PRIOR APPLICATION NUMBER: 60/103258
32	PRIOR APPLICATION NUMBER: 60/100683	32	PRIOR FILING DATE: 1998-10-06
33	PRIOR FILING DATE: 1998-09-17	33	PRIOR APPLICATION NUMBER: 60/103314
34	PRIOR APPLICATION NUMBER: 60/100684	34	PRIOR FILING DATE: 1998-10-07
35	PRIOR FILING DATE: 1998-09-17	35	PRIOR APPLICATION NUMBER: 60/103315
36	PRIOR APPLICATION NUMBER: 60/100710	36	PRIOR FILING DATE: 1998-10-07
37	PRIOR FILING DATE: 1998-09-17	37	PRIOR APPLICATION NUMBER: 60/103328
38	PRIOR APPLICATION NUMBER: 60/100711	38	PRIOR FILING DATE: 1998-10-07
39	PRIOR FILING DATE: 1998-09-17	39	PRIOR APPLICATION NUMBER: 60/103395
40	PRIOR APPLICATION NUMBER: 60/100848	40	PRIOR FILING DATE: 1998-10-07
41	PRIOR FILING DATE: 1998-09-18	41	PRIOR APPLICATION NUMBER: 60/103396
42	PRIOR APPLICATION NUMBER: 60/100849	42	PRIOR FILING DATE: 1998-10-07
43	PRIOR FILING DATE: 1998-09-18	43	PRIOR APPLICATION NUMBER: 60/103401
44	PRIOR APPLICATION NUMBER: 60/100919	44	PRIOR FILING DATE: 1998-10-07
45	PRIOR FILING DATE: 1998-09-17	45	PRIOR APPLICATION NUMBER: 60/103449
46	PRIOR APPLICATION NUMBER: 60/100930	46	PRIOR FILING DATE: 1998-10-06
47	PRIOR FILING DATE: 1998-09-17	47	PRIOR APPLICATION NUMBER: 60/103633
48	PRIOR APPLICATION NUMBER: 60/101014	48	PRIOR FILING DATE: 1998-10-08
49	PRIOR FILING DATE: 1998-09-18	49	PRIOR APPLICATION NUMBER: 60/103678
50	PRIOR APPLICATION NUMBER: 60/101068	50	PRIOR FILING DATE: 1998-10-08
51	PRIOR FILING DATE: 1998-09-18	51	PRIOR APPLICATION NUMBER: 60/103679
52	PRIOR APPLICATION NUMBER: 60/101071	52	PRIOR FILING DATE: 1998-10-08
53	PRIOR FILING DATE: 1998-09-18	53	PRIOR APPLICATION NUMBER: 60/103711
54	PRIOR APPLICATION NUMBER: 60/101279	54	PRIOR FILING DATE: 1998-10-08
55	PRIOR FILING DATE: 1998-09-22	55	PRIOR APPLICATION NUMBER: 60/104257
56	PRIOR APPLICATION NUMBER: 60/101471	56	PRIOR FILING DATE: 1998-10-14
57	PRIOR FILING DATE: 1998-09-23	57	PRIOR APPLICATION NUMBER: 60/104987
58	PRIOR APPLICATION NUMBER: 60/101472	58	PRIOR FILING DATE: 1998-10-20
59	PRIOR FILING DATE: 1998-09-23	59	PRIOR APPLICATION NUMBER: 60/105000
60	PRIOR APPLICATION NUMBER: 60/101474	60	PRIOR FILING DATE: 1998-10-20
61	PRIOR FILING DATE: 1998-09-23	61	PRIOR APPLICATION NUMBER: 60/105002
62	PRIOR APPLICATION NUMBER: 60/101475	62	PRIOR FILING DATE: 1998-10-20
63	PRIOR FILING DATE: 1998-09-23	63	PRIOR APPLICATION NUMBER: 60/105104
64	PRIOR APPLICATION NUMBER: 60/101476	64	PRIOR FILING DATE: 1998-10-21
65	PRIOR FILING DATE: 1998-09-23	65	PRIOR APPLICATION NUMBER: 60/105169
66	PRIOR APPLICATION NUMBER: 60/101477	66	PRIOR FILING DATE: 1998-10-22
67	PRIOR FILING DATE: 1998-09-23	67	PRIOR APPLICATION NUMBER: 60/105266
68	PRIOR APPLICATION NUMBER: 60/101479	68	PRIOR FILING DATE: 1998-10-22
69	PRIOR FILING DATE: 1998-09-23		

PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105881
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105882
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106023
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVPRKRPRIIPMETFRKVGIPITIALISASIIIVVLLIVLIDKYFL 61
 DB 4 DPDSDDPLNSLDVPRKRPRIIPMETFRKVGIPITIALISASIIIVVLLIVLIDKYFL 63
 QY 62 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLOVLSATGM 121
 DB 64 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLOVLSATGM 123
 QY 122 FSACFDNTEALAEATACRQMGYSKPTFRAVEIGPDODLVAEITENSQELRMENSSGPC 181
 DB 124 FSACFDNTEALAEATACRQMGYS-----RAVEIGPDODLVAEITENSQELRMENSSGPC 178
 QY 182 LSGSLVSLHCLACGKSLTTPRVGGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 241
 DB 179 LSGSLVSLHCLACGKSLTTPRVGGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 238
 QY 242 AHCRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLFS 301
 DB 239 AHCRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLFS 298
 QY 302 GTVRPCLPFDEBELTPATPLMIIGMFTKONGGMSDILLQASVOVIDSTRCNADDAAY 361
 DB 299 GTVRPCLPFDEBELTPATPLMIIGMFTKONGGMSDILLQASVOVIDSTRCNADDAAY 358
 QY 362 GEVTEKMMCAGIPBEGVDTCQDSSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTYS 421
 DB 359 GEVTEKMMCAGIPBEGVDTCQDSSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTYS 418
 QY 422 AYLMWIVVMKRAEL 435
 DB 419 AYLMWIVVMKRAEL 432

RESULT 103

US-10-013-912A-275
 ; Sequence 275, Application US/10013912A

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Baton, Dan 1.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gueney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1C32
 ; CURRENT APPLICATION NUMBER: US/10/013,912A
 ; PRIOR FILING DATE: 2001-12-10
 ; PRIOR APPLICATION NUMBER: 60/098716
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098723
 ; PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098803
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098821
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098843
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/099536
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099596
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099598
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 275
 ; LENGTH: 432
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-013-912A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVPRKRPRIIPMETFRKVGIPITIALISASIIIVVLLIVLIDKYFL 61
 DB 4 DPDSDDPLNSLDVPRKRPRIIPMETFRKVGIPITIALISASIIIVVLLIVLIDKYFL 63
 QY 62 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLOVLSATGM 121
 DB 64 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLOVLSATGM 123
 QY 122 FSACFDNTEALAEATACRQMGYSKPTFRAVEIGPDODLVAEITENSQELRMENSSGPC 181
 DB 124 FSACFDNTEALAEATACRQMGYS-----RAVEIGPDODLVAEITENSQELRMENSSGPC 178
 QY 182 LSGSLVSLHCLACGKSLTTPRVGGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 241
 DB 179 LSGSLVSLHCLACGKSLTTPRVGGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 238
 QY 242 AHCRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLFS 301
 DB 239 AHCRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLFS 298
 QY 302 GTVRPCLPFDEBELTPATPLMIIGMFTKONGGMSDILLQASVOVIDSTRCNADDAAY 361
 DB 299 GTVRPCLPFDEBELTPATPLMIIGMFTKONGGMSDILLQASVOVIDSTRCNADDAAY 358
 QY 362 GEVTEKMMCAGIPBEGVDTCQDSSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTYS 421
 DB 359 GEVTEKMMCAGIPBEGVDTCQDSSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTYS 418
 QY 422 AYLMWIVVMKRAEL 435
 DB 419 AYLMWIVVMKRAEL 432

RESULT 104

US-10-013-913A-275
 ; Sequence 275, Application US/10013913A

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Baton, Dan 1.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey

```

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C37
; CURRENT APPLICATION NUMBER: US/10/013.913A
; PRIORITY FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-913A-275

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSDDPLNSLDVKKPKRPRIPMETFRKVGIPPIIITLSTASIIIVVLIKVIIDKXYFL 61
DB 4 DPDSDDPLNSLDVKKPKRPRIPMETFRKVGIPPIIITLSTASIIIVVLIKVIIDKXYFL 63
QY 62 CGQPLHFIRPKQICDELDCPLGEDEHCVKSPFPGPAVAVRLSKDRSTLQVLDSATGNW 121
DB 64 CGQPLHFIRPKQICDELDCPLGEDEHCVKSPFPGPAVAVRLSKDRSTLQVLDSATGNW 123
QY 122 FSACPNFTFALAEFTACRQMGYSKPTFPAVEIGPDQDLVVEITENSQELRMNRSQPC 181
DB 124 FSACPNFTFALAEFTACRQMGYSKPTFPAVEIGPDQDLVVEITENSQELRMNRSQPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVFNWKTRAGSDKLGSPSLAVAKIIIEFNPMYPKDNIDALMKLOFPLTFS 301
DB 239 AHCFRKHDTVFNWKTRAGSDKLGSPSLAVAKIIIEFNPMYPKDNIDALMKLOFPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKQNGKMSDILLQASVQYIDSTRCANADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKQNGKMSDILLQASVQYIDSTRCANADAYQ 358
QY 362 GEVTEKMMKAGIPREGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSTGVTYTKVS 421
DB 359 GEVTEKMMKAGIPREGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSTGVTYTKVS 418
QY 422 AYLMNIYVWKAEL 435
DB 419 AYLMNIYVWKAEL 432

```

```

RESULT 105
US-10-013-915A-275
; Sequence 275, Application US/10013915A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James

```

```

; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C37
; CURRENT APPLICATION NUMBER: US/10/013.915A
; PRIORITY FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-915A-275

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSDDPLNSLDVKKPKRPRIPMETFRKVGIPPIIITLSTASIIIVVLIKVIIDKXYFL 61
DB 4 DPDSDDPLNSLDVKKPKRPRIPMETFRKVGIPPIIITLSTASIIIVVLIKVIIDKXYFL 63
QY 62 CGQPLHFIRPKQICDELDCPLGEDEHCVKSPFPGPAVAVRLSKDRSTLQVLDSATGNW 121
DB 64 CGQPLHFIRPKQICDELDCPLGEDEHCVKSPFPGPAVAVRLSKDRSTLQVLDSATGNW 123
QY 122 FSACPNFTFALAEFTACRQMGYSKPTFPAVEIGPDQDLVVEITENSQELRMNRSQPC 181
DB 124 FSACPNFTFALAEFTACRQMGYSKPTFPAVEIGPDQDLVVEITENSQELRMNRSQPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVFNWKTRAGSDKLGSPSLAVAKIIIEFNPMYPKDNIDALMKLOFPLTFS 301
DB 239 AHCFRKHDTVFNWKTRAGSDKLGSPSLAVAKIIIEFNPMYPKDNIDALMKLOFPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKQNGKMSDILLQASVQYIDSTRCANADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKQNGKMSDILLQASVQYIDSTRCANADAYQ 358
QY 362 GEVTEKMMKAGIPREGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSTGVTYTKVS 421
DB 359 GEVTEKMMKAGIPREGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSTGVTYTKVS 418
QY 422 AYLMNIYVWKAEL 435
DB 419 AYLMNIYVWKAEL 432

```

```

RESULT 106
US-10-015-385A-275
; Sequence 275, Application US/10015385A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Pan, James
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C51
; CURRENT APPLICATION NUMBER: US/10/015.385A

```

CURRENT FILING DATE: 2002-07-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-385A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSDDPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGOPLHFIIPRKQCDGELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGOPLHFIIPRKQCDGELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTTEALAEATACRQMGYSKPTFRAVEIGPDLDVVEITENSQELRMNNSGPGC 181
DB 124 FSACFDNFTTEALAEATACRQMGYSKPTFRAVEIGPDLDVVEITENSQELRMNNSGPGC 178
QY 182 LSGSLVSLHCLACGKSLKTRVVGGEASVDSWPQVSIQYDKQVCGSILDPHMYLTA 241
DB 179 LSGSLVSLHCLACGKSLKTRVVGGEASVDSWPQVSIQYDKQVCGSILDPHMYLTA 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVNMKVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
QY 362 GEYTERKMCAGIPBGGVDTCCGDSGGLMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPBGGVDTCCGDSGGLMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 418
QY 422 AYLMNIVVMKRAEL 435
DB 419 AYLMNIVVMKRAEL 432

RESULT 107
US-10-015-386A-275
Sequence 275, Application US/10015386A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C55
CURRENT FILING DATE: 2001-12-12
CURRENT APPLICATION NUMBER: US/10/015,386A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432

TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-386A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSDDPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGOPLHFIIPRKQCDGELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGOPLHFIIPRKQCDGELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTTEALAEATACRQMGYSKPTFRAVEIGPDLDVVEITENSQELRMNNSGPGC 181
DB 124 FSACFDNFTTEALAEATACRQMGYSKPTFRAVEIGPDLDVVEITENSQELRMNNSGPGC 178
QY 182 LSGSLVSLHCLACGKSLKTRVVGGEASVDSWPQVSIQYDKQVCGSILDPHMYLTA 241
DB 179 LSGSLVSLHCLACGKSLKTRVVGGEASVDSWPQVSIQYDKQVCGSILDPHMYLTA 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVNMKVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
QY 362 GEYTERKMCAGIPBGGVDTCCGDSGGLMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPBGGVDTCCGDSGGLMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 418
QY 422 AYLMNIVVMKRAEL 435
DB 419 AYLMNIVVMKRAEL 432

RESULT 108
US-10-015-387A-275
Sequence 275, Application US/10015387A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C54
CURRENT FILING DATE: 2001-12-12
CURRENT APPLICATION NUMBER: US/10/015,387A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-387A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY 2 DPDSQPLNSLDVPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 61
Db 4 DPDSQPLNSLDVPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 63
QY 62 CGQPLHFIIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLDSATGNW 121
Db 64 CGQPLHFIIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLDSATGNW 123
QY 122 FSACFDNFTALMTATACRQMGYSKPTFRAVEIGPDDLDVVEITENSQELRNRSNGPC 181
Db 124 FSACFDNFTALMTATACRQMGYSKPTFRAVEIGPDDLDVVEITENSQELRNRSNGPC 178
QY 182 LSGSLVSLHCLACGKSLKTRPVVGGEBASVDSMPQVSIQYDKQHCYKSGSIIDPHVTLTA 241
Db 179 LSGSLVSLHCLACGKSLKTRPVVGGEBASVDSMPQVSIQYDKQHCYKSGSIIDPHVTLTA 238
QY 242 AHCFRKHTDVFNNKVVAGSDKGSFPSLAVAKIIIEFNPMYPKNDIALMLQPLTFPS 301
Db 239 AHCFRKHTDVFNNKVVAGSDKGSFPSLAVAKIIIEFNPMYPKNDIALMLQPLTFPS 298
QY 302 GTVRPCLPFDELTLPATPLMTIIGFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPCLPFDELTLPATPLMTIIGFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTEKMMCGIPEGGVDTCCGDSGGLMYOSDOMHVGIYSWGCGGSPSTPGVYTVS 421
Db 359 GEVTEKMMCGIPEGGVDTCCGDSGGLMYOSDOMHVGIYSWGCGGSPSTPGVYTVS 418
QY 422 AYLNMTYNNWKAEL 435
Db 419 AYLNMTYNNWKAEL 432

```

RESULT 109

US-10-015-388A-275

Sequence 275, Application US/10015388A

GENERAL INFORMATION:

```

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C44
CURRENT APPLICATION NUMBER: US/10/015,388A
CURRENT FILING DATE: 2002-07-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-388A-275

```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY 2 DPDSQPLNSLDVPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 61
Db 4 DPDSQPLNSLDVPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 63

```

Db 4 DPDSQPLNSLDVPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 63

```

QY 62 CGQPLHFIIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLDSATGNW 121
Db 64 CGQPLHFIIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLDSATGNW 123
QY 122 FSACFDNFTALMTATACRQMGYSKPTFRAVEIGPDDLDVVEITENSQELRNRSNGPC 181
Db 124 FSACFDNFTALMTATACRQMGYSKPTFRAVEIGPDDLDVVEITENSQELRNRSNGPC 178
QY 182 LSGSLVSLHCLACGKSLKTRPVVGGEBASVDSMPQVSIQYDKQHCYKSGSIIDPHVTLTA 241
Db 179 LSGSLVSLHCLACGKSLKTRPVVGGEBASVDSMPQVSIQYDKQHCYKSGSIIDPHVTLTA 238
QY 242 AHCFRKHTDVFNNKVVAGSDKGSFPSLAVAKIIIEFNPMYPKNDIALMLQPLTFPS 301
Db 239 AHCFRKHTDVFNNKVVAGSDKGSFPSLAVAKIIIEFNPMYPKNDIALMLQPLTFPS 298
QY 302 GTVRPCLPFDELTLPATPLMTIIGFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPCLPFDELTLPATPLMTIIGFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTEKMMCGIPEGGVDTCCGDSGGLMYOSDOMHVGIYSWGCGGSPSTPGVYTVS 421
Db 359 GEVTEKMMCGIPEGGVDTCCGDSGGLMYOSDOMHVGIYSWGCGGSPSTPGVYTVS 418
QY 422 AYLNMTYNNWKAEL 435
Db 419 AYLNMTYNNWKAEL 432

```

RESULT 110

US-10-015-390A-275

Sequence 275, Application US/10015390A

GENERAL INFORMATION:

```

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C53
CURRENT APPLICATION NUMBER: US/10/015,390A
CURRENT FILING DATE: 2002-07-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-390A-275

```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY 2 DPDSQPLNSLDVPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 61
Db 4 DPDSQPLNSLDVPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 63
QY 62 CGQPLHFIIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLDSATGNW 121
Db 64 CGQPLHFIIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLDSATGNW 123

```

QY 122 PSACPDNFTALAEATACGKMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGPC 181
DB 124 PSACPDNFTALAEATACGKMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPQVSIQYDKOHVCGGSLIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPQVSIQYDKOHVCGGSLIDPHWVLT 238
QY 242 AHCRKRTDVNWKVRAGSDKLSFSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 301
DB 239 AHCRKRTDVNWKVRAGSDKLSFSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAYQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAYQ 358
QY 362 GEVTERKMMACGIPFGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTVS 421
DB 359 GEVTERKMMACGIPFGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTVS 418
QY 422 AYLMWIVVWKAEL 435
DB 419 AYLMWIVVWKAEL 432

RESULT 111
US-10-015-391A-275
; Sequence 275, Application US/10015391A
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC59
; CURRENT FILING DATE: 2001-12-12
; PRIOR FILING DATE: 2001-12-12
; PRIOR Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-391A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPIRKRRIPMETFRKYGIPITILMSLASSIIIVYLKYLTKYPL 61
DB 4 DPDSQPLNSLDVYKPIRKRRIPMETFRKYGIPITILMSLASSIIIVYLKYLTKYPL 63
QY 62 CGOPLHFIIRKQICDSELDPCIGEDBEHCYKSPFEGPAAVAVRLSKDSTLQVLDASATGM 121
DB 64 CGOPLHFIIRKQICDSELDPCIGEDBEHCYKSPFEGPAAVAVRLSKDSTLQVLDASATGM 123
QY 122 PSACPDNFTALAEATACGKMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGPC 181
DB 124 PSACPDNFTALAEATACGKMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGPC 178

QY 182 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPQVSIQYDKOHVCGGSLIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPQVSIQYDKOHVCGGSLIDPHWVLT 238
QY 242 AHCRKRTDVNWKVRAGSDKLSFSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 301
DB 239 AHCRKRTDVNWKVRAGSDKLSFSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAYQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAYQ 358
QY 362 GEVTERKMMACGIPFGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTVS 421
DB 359 GEVTERKMMACGIPFGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTVS 418
QY 422 AYLMWIVVWKAEL 435
DB 419 AYLMWIVVWKAEL 432

RESULT 112
US-10-015-392A-275
; Sequence 275, Application US/10015392A
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC58
; CURRENT FILING DATE: 2001-12-12
; PRIOR FILING DATE: 2001-12-12
; PRIOR Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-392A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSOPLNSLDVKEPLKRPRIEMETFRKVGIPITIIALLSLASTIIIVVLIKVILDKYFL 61
Db 4 DPDSOPLNSLDVKEPLKRPRIEMETFRKVGIPITIIALLSLASTIIIVVLIKVILDKYFL 63

QY 62 CGOPLHPIPRKQICDGEIDCEPLGEDEHECVKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGOPLHPIPRKQICDGEIDCEPLGEDEHECVKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 123

QY 122 FSACFDNFTALAEATACRQWYSSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 181
Db 124 FSACFDNFTALAEATACRQWYSSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 178

QY 182 LSGSLVSLHCLACGSKLKTPTRVVGGEEASVDSMPQVSIQYDKQHVCGSILDPHVLTA 241
Db 179 LSGSLVSLHCLACGSKLKTPTRVVGGEEASVDSMPQVSIQYDKQHVCGSILDPHVLTA 238

QY 242 AHCFRKHITDVFNKVRASGDKLSPSLAVAKIIIEFPMYRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHITDVFNKVRASGDKLSPSLAVAKIIIEFPMYRKNDIALMKLOPPLTFS 298

QY 302 GTVRPILCPFFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPILCPFFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358

QY 362 GEYTERKMCAGIPBEGVDTCQDSGGLMYOSDQMHVVIWGWGCGGPGSTPGVYTKVS 421
Db 359 GEYTERKMCAGIPBEGVDTCQDSGGLMYOSDQMHVVIWGWGCGGPGSTPGVYTKVS 418

QY 422 AYIAMIYVWKAEL 435
Db 419 AYIAMIYVWKAEL 432

RESULT 113
US-10-015-394A-275
Sequence 275, Application US/10015394A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desmoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C41
CURRENT FILING DATE: US/10/015,394A
PRIOR FILING DATE: 2001-12-11
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-394A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSOPLNSLDVKEPLKRPRIEMETFRKVGIPITIIALLSLASTIIIVVLIKVILDKYFL 61
Db 4 DPDSOPLNSLDVKEPLKRPRIEMETFRKVGIPITIIALLSLASTIIIVVLIKVILDKYFL 63

QY 62 CGOPLHPIPRKQICDGEIDCEPLGEDEHECVKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGOPLHPIPRKQICDGEIDCEPLGEDEHECVKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 123

QY 122 FSACFDNFTALAEATACRQWYSSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 181
Db 124 FSACFDNFTALAEATACRQWYSSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 178

QY 182 LSGSLVSLHCLACGSKLKTPTRVVGGEEASVDSMPQVSIQYDKQHVCGSILDPHVLTA 241
Db 179 LSGSLVSLHCLACGSKLKTPTRVVGGEEASVDSMPQVSIQYDKQHVCGSILDPHVLTA 238

QY 242 AHCFRKHITDVFNKVRASGDKLSPSLAVAKIIIEFPMYRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHITDVFNKVRASGDKLSPSLAVAKIIIEFPMYRKNDIALMKLOPPLTFS 298

QY 302 GTVRPILCPFFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPILCPFFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358

QY 362 GEYTERKMCAGIPBEGVDTCQDSGGLMYOSDQMHVVIWGWGCGGPGSTPGVYTKVS 421
Db 359 GEYTERKMCAGIPBEGVDTCQDSGGLMYOSDQMHVVIWGWGCGGPGSTPGVYTKVS 418

QY 422 AYIAMIYVWKAEL 435
Db 419 AYIAMIYVWKAEL 432

RESULT 114
US-10-015-395A-275
Sequence 275, Application US/10015395A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desmoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C57
CURRENT APPLICATION NUMBER: US/10/015,395A

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CURRENT FILING DATE: 2001-12-12
Prior application removed - See file wrapper or Palm
NUMBER OF SEQ ID NOS: 477
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-395A-275

Query Match
Best Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRPRIPEMTEFRKVGPIITIALSLASIIIVVILKVIIDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPEMTEFRKVGPIITIALSLASIIIVVILKVIIDKYFL 63
QY 62 CGQPLHPIPRKQDCGELDCPLGDEBEHCYKSPPEGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHPIPRKQDCGELDCPLGDEBEHCYKSPPEGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 FSACPDNTEALAEATACRQMGYSKPTPRAVEIGPDQDLDVEITENSQELMRNSGPGC 181
DB 124 FSACPDNTEALAEATACRQMGYSKPTPRAVEIGPDQDLDVEITENSQELMRNSGPGC 178
QY 182 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMQVSIQYDKQVCGSILDPHMVLT 241
DB 179 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMQVSIQYDKQVCGSILDPHMVLT 238
QY 242 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTF 301
DB 239 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTF 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPBEGVDTCCGDSGGLMYOSDOMHVIGVSWGCGGSPSTPGYTTK 421
DB 359 GEVTERKMCAGIPBEGVDTCCGDSGGLMYOSDOMHVIGVSWGCGGSPSTPGYTTK 418
QY 422 AYLMNIYVWKAE 435
DB 419 AYLMNIYVWKAE 432

RESULT 115
US-10-015-480A-275
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C50
CURRENT APPLICATION NUMBER: US/10/015,480A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See file wrapper or Palm
NUMBER OF SEQ ID NOS: 477
LENGTH: 432
```

```
TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-480A-275

Query Match
Best Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRPRIPEMTEFRKVGPIITIALSLASIIIVVILKVIIDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPEMTEFRKVGPIITIALSLASIIIVVILKVIIDKYFL 63
QY 62 CGQPLHPIPRKQDCGELDCPLGDEBEHCYKSPPEGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHPIPRKQDCGELDCPLGDEBEHCYKSPPEGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 FSACPDNTEALAEATACRQMGYSKPTPRAVEIGPDQDLDVEITENSQELMRNSGPGC 181
DB 124 FSACPDNTEALAEATACRQMGYSKPTPRAVEIGPDQDLDVEITENSQELMRNSGPGC 178
QY 182 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMQVSIQYDKQVCGSILDPHMVLT 241
DB 179 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMQVSIQYDKQVCGSILDPHMVLT 238
QY 242 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTF 301
DB 239 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTF 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPBEGVDTCCGDSGGLMYOSDOMHVIGVSWGCGGSPSTPGYTTK 421
DB 359 GEVTERKMCAGIPBEGVDTCCGDSGGLMYOSDOMHVIGVSWGCGGSPSTPGYTTK 418
QY 422 AYLMNIYVWKAE 435
DB 419 AYLMNIYVWKAE 432

RESULT 116
US-10-015-499A-275
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C42
CURRENT APPLICATION NUMBER: US/10/015,499A
CURRENT FILING DATE: 2001-12-11
Prior Application removed - See file wrapper or Palm
NUMBER OF SEQ ID NOS: 477
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-499A-275

Query Match
Best Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
```

Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY 2 DPDSQPLNSLDVXPKRRIIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVXPKRRIIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63
QY 62 CGOPLHPIPRKQCDGELDCPLGDEBEHCYKSPPEGAVALRSLKORSTLQVDSATGM 121
Db 64 CGOPLHPIPRKQCDGELDCPLGDEBEHCYKSPPEGAVALRSLKORSTLQVDSATGM 123
QY 122 FSACFDNTEALATACRQWYSKPTFAVEIGPDLDVVEITENSQELRMRNSGPGC 181
Db 124 FSACFDNTEALATACRQWYSKPTFAVEIGPDLDVVEITENSQELRMRNSGPGC 178
QY 182 LSGSLVSLHCLACCKSLKTPRVVGGEBASVDSMPQVSIQYDKQVCGSIIIDPHVLT 241
Db 179 LSGSLVSLHCLACCKSLKTPRVVGGEBASVDSMPQVSIQYDKQVCGSIIIDPHVLT 238
QY 242 AHCERKTDVFNKVRAGSDKLSFPLAVAKIIIEFNPMPKNDIALMLKQPELPTS 301
Db 239 AHCERKTDVFNKVRAGSDKLSFPLAVAKIIIEFNPMPKNDIALMLKQPELPTS 298
QY 302 GTVRPILCPFEDELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPILCPFEDELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEYTERKMCAGIPGSGVDTCCGDSGGLMYQSDQWVVGIYSWGYCGGSPSTPGYTVS 421
Db 359 GEYTERKMCAGIPGSGVDTCCGDSGGLMYQSDQWVVGIYSWGYCGGSPSTPGYTVS 418
QY 422 AYLMWTVYWKAEI 435
Db 419 AYLMWTVYWKAEI 432

```

RESULT 117

```

US-10-015-519A-275
; Sequence 275, Application US/10015519A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desmoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C49
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-519A-275

```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY 2 DPDSQPLNSLDVXPKRRIIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61

```

```

Db 4 DPDSQPLNSLDVXPKRRIIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63
QY 62 CGOPLHPIPRKQCDGELDCPLGDEBEHCYKSPPEGAVALRSLKORSTLQVDSATGM 121
Db 64 CGOPLHPIPRKQCDGELDCPLGDEBEHCYKSPPEGAVALRSLKORSTLQVDSATGM 123
QY 122 FSACFDNTEALATACRQWYSKPTFAVEIGPDLDVVEITENSQELRMRNSGPGC 181
Db 124 FSACFDNTEALATACRQWYSKPTFAVEIGPDLDVVEITENSQELRMRNSGPGC 178
QY 182 LSGSLVSLHCLACCKSLKTPRVVGGEBASVDSMPQVSIQYDKQVCGSIIIDPHVLT 241
Db 179 LSGSLVSLHCLACCKSLKTPRVVGGEBASVDSMPQVSIQYDKQVCGSIIIDPHVLT 238
QY 242 AHCERKTDVFNKVRAGSDKLSFPLAVAKIIIEFNPMPKNDIALMLKQPELPTS 301
Db 239 AHCERKTDVFNKVRAGSDKLSFPLAVAKIIIEFNPMPKNDIALMLKQPELPTS 298
QY 302 GTVRPILCPFEDELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPILCPFEDELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEYTERKMCAGIPGSGVDTCCGDSGGLMYQSDQWVVGIYSWGYCGGSPSTPGYTVS 421
Db 359 GEYTERKMCAGIPGSGVDTCCGDSGGLMYQSDQWVVGIYSWGYCGGSPSTPGYTVS 418
QY 422 AYLMWTVYWKAEI 435
Db 419 AYLMWTVYWKAEI 432

```

RESULT 118

```

US-10-015-610A-275
; Sequence 275, Application US/10015610A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desmoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C52
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-610A-275

```

PRIOR FILING DATE: 1998-09-09
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 275:
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-015-610A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIPIIIMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 61
 DB 4 DPDSQPLNSLDVPLKRPRIPIIIMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 63
 QY 62 CGQPLHPIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLSATGNW 121
 DB 64 CGQPLHPIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLSATGNW 123
 QY 122 FSACFDNFTALATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELRMNNSGPGC 181
 DB 124 FSACFDNFTALATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELRMNNSGPGC 178
 QY 182 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVTLA 241
 DB 179 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVTLA 238
 QY 242 AHCFRKHDTVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 301
 DB 239 AHCFRKHDTVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 298
 QY 302 GTVPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCNADDAVQ 361
 DB 299 GTVPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCNADDAVQ 358
 QY 362 GEVTEKMMKACIPGEGVDTCGDSGGLMYQSDQMHVGVISWGCSPSTPGVYTKVS 421
 DB 359 GEVTEKMMKACIPGEGVDTCGDSGGLMYQSDQMHVGVISWGCSPSTPGVYTKVS 418
 QY 422 AYLMWYVWKAEI 435
 DB 419 AYLMWYVWKAEI 432

RESULT 119

US-10-015-653A-275

Sequence 275, Application US/10015653A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830P1C43
 CURRENT APPLICATION NUMBER: US/10/015,653A
 PRIOR FILING DATE: 2002-06-25
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 275
 LENGTH: 432

TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-015-653A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIPIIIMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 61
 DB 4 DPDSQPLNSLDVPLKRPRIPIIIMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 63
 QY 62 CGQPLHPIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLSATGNW 121
 DB 64 CGQPLHPIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLSATGNW 123
 QY 122 FSACFDNFTALATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELRMNNSGPGC 181
 DB 124 FSACFDNFTALATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELRMNNSGPGC 178
 QY 182 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVTLA 241
 DB 179 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVTLA 238
 QY 242 AHCFRKHDTVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 301
 DB 239 AHCFRKHDTVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 298
 QY 302 GTVPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCNADDAVQ 361
 DB 299 GTVPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCNADDAVQ 358
 QY 362 GEVTEKMMKACIPGEGVDTCGDSGGLMYQSDQMHVGVISWGCSPSTPGVYTKVS 421
 DB 359 GEVTEKMMKACIPGEGVDTCGDSGGLMYQSDQMHVGVISWGCSPSTPGVYTKVS 418
 QY 422 AYLMWYVWKAEI 435
 DB 419 AYLMWYVWKAEI 432

RESULT 120

US-10-015-715A-275

Sequence 275, Application US/10015715A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830P1C56
 CURRENT APPLICATION NUMBER: US/10/015,715A
 PRIOR FILING DATE: 2002-06-25
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 275
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-015-715A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```
QY 2 DPDSDDPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSDDPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63
QY 62 CGGPHLHIFPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 121
Db 64 CGGPHLHIFPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 123
QY 122 FSACFDFNTFALATACRQMGYSKPTFRVVEIGPDDLDVVEITENSQELRMRNSSGPC 181
Db 124 FSACFDFNTFALATACRQMGYSKPTFRVVEIGPDDLDVVEITENSQELRMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCQGSIIIDPHVLT 241
Db 179 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCQGSIIIDPHVLT 238
QY 242 AHCFRKHITDVFNWKVRASGDKLSPSLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 301
Db 239 AHCFRKHITDVFNWKVRASGDKLSPSLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 298
QY 302 GTVAPICLPFDEBELPATPLMTIIGWFTKONGGKSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVAPICLPFDEBELPATPLMTIIGWFTKONGGKSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPEGGVDTCCQDGGGPLMYQSDQMHVVGIVSMGYCGGSPSTPGYTTKVS 421
Db 359 GEVTERKMCAGIPEGGVDTCCQDGGGPLMYQSDQMHVVGIVSMGYCGGSPSTPGYTTKVS 418
QY 422 ATLNMTYNNWKAEL 435
Db 419 ATLNMTYNNWKAEL 432
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RESULT 121
US-10-015-822A-275

```
/ Sequence 275, Application US/10015822A
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P28301C8
/ CURRENT APPLICATION NUMBER: US/10/015,822A
/ PRIOR FILING DATE: 2002-06-10
/ PRIOR APPLICATION removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 275
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-015-822A-275
```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```
QY 2 DPDSDDPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSDDPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63
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Db 4 DPDSDDPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63

```
QY 62 CGGPHLHIFPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 121
Db 64 CGGPHLHIFPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 123
QY 122 FSACFDFNTFALATACRQMGYSKPTFRVVEIGPDDLDVVEITENSQELRMRNSSGPC 181
Db 124 FSACFDFNTFALATACRQMGYSKPTFRVVEIGPDDLDVVEITENSQELRMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCQGSIIIDPHVLT 241
Db 179 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCQGSIIIDPHVLT 238
QY 242 AHCFRKHITDVFNWKVRASGDKLSPSLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 301
Db 239 AHCFRKHITDVFNWKVRASGDKLSPSLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 298
QY 302 GTVAPICLPFDEBELPATPLMTIIGWFTKONGGKSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVAPICLPFDEBELPATPLMTIIGWFTKONGGKSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPEGGVDTCCQDGGGPLMYQSDQMHVVGIVSMGYCGGSPSTPGYTTKVS 421
Db 359 GEVTERKMCAGIPEGGVDTCCQDGGGPLMYQSDQMHVVGIVSMGYCGGSPSTPGYTTKVS 418
QY 422 ATLNMTYNNWKAEL 435
Db 419 ATLNMTYNNWKAEL 432
```

RESULT 122

US-10-015-869A-275
/ Sequence 275, Application US/10015869A

```
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P28301C45
/ CURRENT APPLICATION NUMBER: US/10/015,869A
/ PRIOR FILING DATE: 2002-06-25
/ PRIOR APPLICATION removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 275
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-015-869A-275
```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```
QY 2 DPDSDDPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSDDPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63
QY 62 CGGPHLHIFPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 121
Db 64 CGGPHLHIFPRKQICDGLDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 123
```

```

QY 122 FSACFDNFTALATACRQMSKPTFAVEIGPDOLDVVEITENSQELRMNSSGPC 181
D 124 FSACFDNFTALATACRQMSKPTFAVEIGPDOLDVVEITENSQELRMNSSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 241
D 179 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 238
QY 242 AHCRKHTDVNMKVRASDGLSPSLAVAKIIIEFNPMYPKNDIATLMLKLOPPLTFS 301
D 239 AHCRKHTDVNMKVRASDGLSPSLAVAKIIIEFNPMYPKNDIATLMLKLOPPLTFS 298
QY 302 GTVPICLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVIDSTRCNADDAHQ 361
D 299 GTVPICLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVIDSTRCNADDAHQ 358
QY 362 GEVTEKMMKAGIPREGVDTCCGDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTVS 421
D 359 GEVTEKMMKAGIPREGVDTCCGDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTVS 418
QY 422 AYLMWIVVMKAEI 435
D 419 AYLMWIVVMKAEI 432

RESULT 123
US-10-017-253A-275
; Sequence 275, Application US/10017253A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC62
; CURRENT APPLICATION NUMBER: US/10/017,253A
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432

```

```

; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-253A-275
Query Match
Beat Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIPIIPIIALLSLASIIIVVLLIYVILDKIYFL 61
D 4 DPDSQPLNSLDVPLKRPRIPIIPIIALLSLASIIIVVLLIYVILDKIYFL 63
QY 62 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDSTQLVLSATGNW 121
D 64 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDSTQLVLSATGNW 123
QY 122 FSACFDNFTALATACRQMSKPTFAVEIGPDOLDVVEITENSQELRMNSSGPC 181
D 124 FSACFDNFTALATACRQMSKPTFAVEIGPDOLDVVEITENSQELRMNSSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 241
D 179 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 238
QY 242 AHCRKHTDVNMKVRASDGLSPSLAVAKIIIEFNPMYPKNDIATLMLKLOPPLTFS 301
D 239 AHCRKHTDVNMKVRASDGLSPSLAVAKIIIEFNPMYPKNDIATLMLKLOPPLTFS 298
QY 302 GTVPICLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVIDSTRCNADDAHQ 361
D 299 GTVPICLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVIDSTRCNADDAHQ 358
QY 362 GEVTEKMMKAGIPREGVDTCCGDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTVS 421
D 359 GEVTEKMMKAGIPREGVDTCCGDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTVS 418
QY 422 AYLMWIVVMKAEI 435
D 419 AYLMWIVVMKAEI 432

RESULT 124
US-10-017-306A-275
; Sequence 275, Application US/10017306A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC66
; CURRENT APPLICATION NUMBER: US/10/017,306A
; CURRENT FILING DATE: 2002-06-10
; Remaining Prior Application data removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-306A-275
Query Match
98.1%; Score 2297.5; DB 30; Length 432;

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Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63

QY 62 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123

QY 122 FSACPDNTEALATACRQWYSSKPTFRVVEIGPDODLVVEITENSQELRRNSGPGC 181
Db 124 FSACPDNTEALATACRQWYSSKPTFRVVEIGPDODLVVEITENSQELRRNSGPGC 178

QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQHCYKSIIDPHVWLT 241
Db 179 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQHCYKSIIDPHVWLT 238

QY 242 AHCFRKHTDVENMKVRAAGSDKLSFSLAVAKIIIEFNPMPKNDIALMLQFPLTFS 301
Db 239 AHCFRKHTDVENMKVRAAGSDKLSFSLAVAKIIIEFNPMPKNDIALMLQFPLTFS 298

QY 302 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358

QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 421
Db 359 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 418

QY 422 AYLNMTYNNWKAEL 435
Db 419 AYLNMTYNNWKAEL 432

RESULT 125
US-10-017-390A-275
; Sequence 275, Application US/10017390A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C67
; CURRENT APPLICATION NUMBER: US/10/017,390A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-390A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63

QY 62 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123

QY 122 FSACPDNTEALATACRQWYSSKPTFRVVEIGPDODLVVEITENSQELRRNSGPGC 181
Db 124 FSACPDNTEALATACRQWYSSKPTFRVVEIGPDODLVVEITENSQELRRNSGPGC 178

QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQHCYKSIIDPHVWLT 241
Db 179 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQHCYKSIIDPHVWLT 238

QY 242 AHCFRKHTDVENMKVRAAGSDKLSFSLAVAKIIIEFNPMPKNDIALMLQFPLTFS 301
Db 239 AHCFRKHTDVENMKVRAAGSDKLSFSLAVAKIIIEFNPMPKNDIALMLQFPLTFS 298

QY 302 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358

QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 421
Db 359 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 418

QY 422 AYLNMTYNNWKAEL 435
Db 419 AYLNMTYNNWKAEL 432

RESULT 126
US-10-017-407A-275
; Sequence 275, Application US/10017407A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C61
; CURRENT APPLICATION NUMBER: US/10/017,407A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-407A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63

QY 62 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123

QY 122 FSACPDNTEALATACRQWYSSKPTFRVVEIGPDODLVVEITENSQELRRNSGPGC 181
Db 124 FSACPDNTEALATACRQWYSSKPTFRVVEIGPDODLVVEITENSQELRRNSGPGC 178

QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQHCYKSIIDPHVWLT 241
Db 179 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQHCYKSIIDPHVWLT 238

QY 242 AHCFRKHTDVENMKVRAAGSDKLSFSLAVAKIIIEFNPMPKNDIALMLQFPLTFS 301
Db 239 AHCFRKHTDVENMKVRAAGSDKLSFSLAVAKIIIEFNPMPKNDIALMLQFPLTFS 298

QY 302 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358

QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 421
Db 359 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 418

QY 422 AYLNMTYNNWKAEL 435
Db 419 AYLNMTYNNWKAEL 432

QY 2 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63

QY 62 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123

QY 2 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63

QY 62 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123

QY 122 FSACPDNTEALATACRQWYSSKPTFRVVEIGPDODLVVEITENSQELRRNSGPGC 181
Db 124 FSACPDNTEALATACRQWYSSKPTFRVVEIGPDODLVVEITENSQELRRNSGPGC 178

QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQHCYKSIIDPHVWLT 241
Db 179 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQHCYKSIIDPHVWLT 238

QY 242 AHCFRKHTDVENMKVRAAGSDKLSFSLAVAKIIIEFNPMPKNDIALMLQFPLTFS 301
Db 239 AHCFRKHTDVENMKVRAAGSDKLSFSLAVAKIIIEFNPMPKNDIALMLQFPLTFS 298

QY 302 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358

QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 421
Db 359 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 418

QY 422 AYLNMTYNNWKAEL 435
Db 419 AYLNMTYNNWKAEL 432

RESULT 126
US-10-017-407A-275
; Sequence 275, Application US/10017407A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C61
; CURRENT APPLICATION NUMBER: US/10/017,407A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-407A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63

QY 62 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123

QY 122 FSACPDNTEALATACRQWYSSKPTFRVVEIGPDODLVVEITENSQELRRNSGPGC 181
Db 124 FSACPDNTEALATACRQWYSSKPTFRVVEIGPDODLVVEITENSQELRRNSGPGC 178

QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQHCYKSIIDPHVWLT 241
Db 179 LSGSLVSLHCLACGSKSLKTRPVVGGEBASVDSWPMQVSIQYDKQHCYKSIIDPHVWLT 238

QY 242 AHCFRKHTDVENMKVRAAGSDKLSFSLAVAKIIIEFNPMPKNDIALMLQFPLTFS 301
Db 239 AHCFRKHTDVENMKVRAAGSDKLSFSLAVAKIIIEFNPMPKNDIALMLQFPLTFS 298

QY 302 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358

QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 421
Db 359 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 418

QY 422 AYLNMTYNNWKAEL 435
Db 419 AYLNMTYNNWKAEL 432

QY 122 PSACFDNTEALATACRQMGYSKPTFRANEIGPDDLDVVEITENSQELRMNSSGPC 181
DB 124 FSACFDNTEALATACRQMGYS-----RAVEIGPDDLDVVEITENSQELRMNSSGPC 178
QY 182 LSSGLSVLHCLACGSKLTFRVVGGEERASVSWMPQVSIQYDKOHVCGSLLDPHVVTLA 241
DB 179 LSSGLSVLHCLACGSKLTFRVVGGEERASVSWMPQVSIQYDKOHVCGSLLDPHVVTLA 238
QY 242 AHCRKHTDVNMVKVRAGSDKLGSPSLAVAKIIIEFNPMYKXNDIATLMLKQPLTFES 301
DB 239 AHCRKHTDVNMVKVRAGSDKLGSPSLAVAKIIIEFNPMYKXNDIATLMLKQPLTFES 298
QY 302 GTVRPCLPFPDELTPTPLMIIGWFTKONGKMSDILLQASVQVDSITRCNADDAVQ 361
DB 299 GTVRPCLPFPDELTPTPLMIIGWFTKONGKMSDILLQASVQVDSITRCNADDAVQ 358
QY 362 GEVTEKMWACGIPESGVTTCGDSGGLMYOSDQHVWGIWVGCGSPSTPGVYTKVS 421
DB 359 GEVTEKMWACGIPESGVTTCGDSGGLMYOSDQHVWGIWVGCGSPSTPGVYTKVS 418
QY 422 AYLMWYVWKAEL 435
DB 419 AYLMWYVWKAEL 432

RESULT 127
US-10-017-527A-275
Sequence 275. Application US/10017527A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC63
CURRENT APPLICATION NUMBER: US/10/017,527A
CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
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PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099336
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PRIOR APPLICATION NUMBER: 60/099598
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PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-15
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PRIOR APPLICATION NUMBER: 60/101477
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PRIOR APPLICATION NUMBER: 60/101741

; PRIOR FILING DATE: 1998-09-24
 ; PRIOR APPLICATION NUMBER: 60/101743
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 ; PRIOR FILING DATE: 1998-09-24
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 ; PRIOR FILING DATE: 1998-09-30
 ; PRIOR APPLICATION NUMBER: 60/102571
 ; PRIOR FILING DATE: 1998-09-30
 ; PRIOR APPLICATION NUMBER: 60/102684
 ; PRIOR FILING DATE: 1998-10-01
 ; PRIOR APPLICATION NUMBER: 60/102687
 ; PRIOR FILING DATE: 1998-10-01
 ; PRIOR APPLICATION NUMBER: 60/102965
 ; PRIOR FILING DATE: 1998-10-02
 ; PRIOR APPLICATION NUMBER: 60/103258
 ; PRIOR FILING DATE: 1998-10-06
 ; PRIOR APPLICATION NUMBER: 60/103314
 ; PRIOR FILING DATE: 1998-10-07
 ; PRIOR APPLICATION NUMBER: 60/103315
 ; PRIOR FILING DATE: 1998-10-07
 ; PRIOR APPLICATION NUMBER: 60/103328
 ; PRIOR FILING DATE: 1998-10-07
 ; PRIOR APPLICATION NUMBER: 60/103395
 ; PRIOR FILING DATE: 1998-10-07
 ; PRIOR APPLICATION NUMBER: 60/103396
 ; PRIOR FILING DATE: 1998-10-07
 ; PRIOR APPLICATION NUMBER: 60/103401
 ; PRIOR FILING DATE: 1998-10-07
 ; PRIOR APPLICATION NUMBER: 60/103449
 ; PRIOR FILING DATE: 1998-10-06
 ; PRIOR APPLICATION NUMBER: 60/103633
 ; PRIOR FILING DATE: 1998-10-08
 ; PRIOR APPLICATION NUMBER: 60/103678
 ; PRIOR FILING DATE: 1998-10-08
 ; PRIOR APPLICATION NUMBER: 60/103679
 ; PRIOR FILING DATE: 1998-10-08
 ; PRIOR APPLICATION NUMBER: 60/103711
 ; PRIOR FILING DATE: 1998-10-08
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 ; PRIOR APPLICATION NUMBER: 60/105002
 ; PRIOR FILING DATE: 1998-10-20
 ; PRIOR APPLICATION NUMBER: 60/105104
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 ; PRIOR APPLICATION NUMBER: 60/105169
 ; PRIOR FILING DATE: 1998-10-22
 ; PRIOR APPLICATION NUMBER: 60/105266
 ; PRIOR FILING DATE: 1998-10-22
 ; PRIOR APPLICATION NUMBER: 60/105693
 ; PRIOR FILING DATE: 1998-10-26
 ; PRIOR APPLICATION NUMBER: 60/105694
 ; PRIOR FILING DATE: 1998-10-26

; PRIOR APPLICATION NUMBER: 60/105807
 ; PRIOR FILING DATE: 1998-10-27
 ; PRIOR APPLICATION NUMBER: 60/105881
 ; PRIOR FILING DATE: 1998-10-27
 ; PRIOR APPLICATION NUMBER: 60/105882
 ; PRIOR FILING DATE: 1998-10-27
 ; PRIOR APPLICATION NUMBER: 60/106023
 ; PRIOR FILING DATE: 1998-10-28
 ; PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; length 432;
 Best Local Similarity 98.8%; Pred. No. 7,4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYPLKPRIPMETRKYGIPIIILSLASIIIVYLKITYL 61
 DB 4 DPDSQPLNSLDVYPLKPRIPMETRKYGIPIIILSLASIIIVYLKITYL 63
 QY 62 CGQPLHFIPIKQUCDELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLYVLSATGNM 121
 DB 64 CGQPLHFIPIKQUCDELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLYVLSATGNM 123
 QY 122 FSACFDNFTALAEACROWGYSKTPRAVEIGRPQDIDVVEITENSGELMRNNSGPG 181
 DB 124 FSACFDNFTALAEACROWGYSKTPRAVEIGRPQDIDVVEITENSGELMRNNSGPG 178
 QY 182 LSGSLVSLHCLACGSKLTPRVVGEASVDSMPQVSIYDKOHVCGSIIIDPHVLT 241
 DB 179 LSGSLVSLHCLACGSKLTPRVVGEASVDSMPQVSIYDKOHVCGSIIIDPHVLT 238
 QY 242 AHCFKHGTVPWVKRAAGSDKGSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 DB 239 AHCFKHGTVPWVKRAAGSDKGSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
 QY 302 GIVRPICLPFDEBLTPATPLWIGMFTKONGKMSIILQASVQVDSRCAADAYQ 361
 DB 299 GIVRPICLPFDEBLTPATPLWIGMFTKONGKMSIILQASVQVDSRCAADAYQ 358
 QY 362 GIVTERKMCAGIPBEGVDTCCGDSGAPLMOQSDQMHVVGIVSWGCGGSPGVYTVKS 421
 DB 359 GIVTERKMCAGIPBEGVDTCCGDSGAPLMOQSDQMHVVGIVSWGCGGSPGVYTVKS 418
 QY 422 AYIANIYVWKAEL 435
 DB 419 AYIANIYVWKAEL 432

RESULT 128
 US-10-017-610A-275
 ; Sequence 275, Application US/10017610A
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830PIC64
 ; CURRENT APPLICATION NUMBER: US/10/017,610A
 ; CURRENT FILING DATE: 2001-12-13
 ; PRIOR APPLICATION NUMBER: 60/098716
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098723

PRIOR APPLICATION NUMBER:	60/101071
PRIOR FILING DATE:	1998-09-18
PRIOR APPLICATION NUMBER:	60/101279
PRIOR FILING DATE:	1998-09-22
PRIOR APPLICATION NUMBER:	60/101471
PRIOR FILING DATE:	1998-09-23
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PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101474
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PRIOR APPLICATION NUMBER:	60/101475
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PRIOR APPLICATION NUMBER:	60/101476
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101477
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PRIOR APPLICATION NUMBER:	60/101479
PRIOR FILING DATE:	1998-09-23
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PRIOR APPLICATION NUMBER:	60/101741
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101743
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101915
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PRIOR APPLICATION NUMBER:	60/101916
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PRIOR APPLICATION NUMBER:	60/102207
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102230
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102240
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102307
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PRIOR APPLICATION NUMBER:	60/102330
PRIOR FILING DATE:	1998-09-29
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PRIOR APPLICATION NUMBER:	60/102484
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PRIOR APPLICATION NUMBER:	60/102487
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102570
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102571
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102684
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102687
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102965
PRIOR FILING DATE:	1998-10-02
PRIOR APPLICATION NUMBER:	60/103258
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PRIOR APPLICATION NUMBER:	60/103314
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PRIOR APPLICATION NUMBER:	60/103315
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103328
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PRIOR FILING DATE:	1998-10-07
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PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103401
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103449
PRIOR FILING DATE:	1998-10-06
PRIOR APPLICATION NUMBER:	60/103633
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103678
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103679

```

1  APPLICANT: Botstein, David
2  APPLICANT: Desmoyers, Luc
3  APPLICANT: Katon, Dan I.
4  APPLICANT: Ferrara, Napoleone
5  APPLICANT: Fong, Sherman
6  APPLICANT: Gao, Wei-Qiang
7  APPLICANT: Goddard, Audrey
8  APPLICANT: Godowski, Paul J.
9  APPLICANT: Grimaldi, Christopher J.
10 APPLICANT: Gurney, Austin L.
11 APPLICANT: Hillan, Kenneth J.
12 APPLICANT: Pan, James
13 APPLICANT: Paoni, Nicholas F.
14 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
15 FILE OF INVENTION: Acids Encoding the Same
16 FILE REFERENCE: P2830P1C60
17 CURRENT APPLICATION NUMBER: US/10/017,867A
18 CURRENT FILING DATE: 2001-12-13
19 PRIOR APPLICATION NUMBER: 60/098716
20 PRIOR FILING DATE: 1998-09-01
21 PRIOR APPLICATION NUMBER: 60/098723
22 PRIOR FILING DATE: 1998-09-01
23 PRIOR APPLICATION NUMBER: 60/098749
24 PRIOR FILING DATE: 1998-09-01
25 PRIOR APPLICATION NUMBER: 60/098750
26 PRIOR FILING DATE: 1998-09-01
27 PRIOR APPLICATION NUMBER: 60/098803
28 PRIOR FILING DATE: 1998-09-02
29 PRIOR APPLICATION NUMBER: 60/098821
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31 PRIOR APPLICATION NUMBER: 60/098843
32 PRIOR FILING DATE: 1998-09-02
33 PRIOR APPLICATION NUMBER: 60/099536
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35 PRIOR APPLICATION NUMBER: 60/099556
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61 PRIOR APPLICATION NUMBER: 60/100388
62 PRIOR FILING DATE: 1998-09-15
63 PRIOR APPLICATION NUMBER: 60/100390
64 PRIOR FILING DATE: 1998-09-15
65 PRIOR APPLICATION NUMBER: 60/100584
66 PRIOR FILING DATE: 1998-09-16
67 PRIOR APPLICATION NUMBER: 60/100627
68 PRIOR FILING DATE: 1998-09-16
69 PRIOR APPLICATION NUMBER: 60/100661
70 PRIOR FILING DATE: 1998-09-16
71 PRIOR APPLICATION NUMBER: 60/100662
72 PRIOR FILING DATE: 1998-09-16
73 PRIOR APPLICATION NUMBER: 60/100666
74 PRIOR FILING DATE: 1998-09-16

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PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100711
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100930
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101014
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101068
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101071
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101279
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: 60/101471
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101472
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101474
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101475
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101476
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101477
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101479
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101738
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101743
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02

PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103396
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKRLKRPRIEMETFRVVGIPITIALSLASIIIVVYLKTYLDPKYYFL 61
DB 4 DPDSQPLNSLDVYKRLKRPRIEMETFRVVGIPITIALSLASIIIVVYLKTYLDPKYYFL 63
QY 62 CGQPLHFTPKQJLCEGELDCPLGEBDEHCVNSSFPGPAVAVALSKDRSTLQVLDASATGNW 121
DB 64 CGQPLHFTPKQJLCEGELDCPLGEBDEHCVNSSFPGPAVAVALSKDRSTLQVLDASATGNW 123
QY 122 FSACFDNFTALAEAFACQMGYSKPTFRAYEIGPDOLDVVEITENSOELPMRSGSGPC 181
DB 124 FSACFDNFTALAEAFACQMGYSKPTFRAYEIGPDOLDVVEITENSOELPMRSGSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGEERASVDSMPQVSIQYDKQHVCGGSLIDPMVTLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGEERASVDSMPQVSIQYDKQHVCGGSLIDPMVTLTA 238
QY 242 AHCFKHTDVFNMKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLQPEPLTFS 301

Db 239 AHCRKRTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy 302 GTVRPCLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVISTRCNADDAVQ 361
Db 299 GTVRPCLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVISTRCNADDAVQ 358
Qy 362 GEYTERKMKCAGIPBGGVDTCCGDSGGPLMTYQSDQMHVGVISWGYCGGSPSTPGYTTKVS 421
Db 359 GEYTERKMKCAGIPBGGVDTCCGDSGGPLMTYQSDQMHVGVISWGYCGGSPSTPGYTTKVS 418
Qy 422 AYLNMTIYNWKAEL 435
Db 419 AYLNMTIYNWKAEL 432

RESULT 130
US-10-020-063A-275
Sequence 275, Application US/10020063A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferreira, Napoleone
APPLICANT: Fong, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PLC65
CURRENT FILING DATE: 2002-09-04
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PAM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-020-063A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
Qy 2 DPDSQPLNSLDVFKLRPRIPMETFRKVGIPITIIALLSLASIIIVVILIKVILDKYYFL 61
|||||

Db 4 DPDSQPLNSLDVFKLRPRIPMETFRKVGIPITIIALLSLASIIIVVILIKVILDKYYFL 63
Qy 62 CGOPLHIFPRKOLCDGELDCEPLGDEBEHCYKSPBEGPAVAVRLSKDSTLQVLDSATGNW 121
Db 64 CGOPLHIFPRKOLCDGELDCEPLGDEBEHCYKSPBEGPAVAVRLSKDSTLQVLDSATGNW 123
Qy 122 FSACFDNFTALAFATACRQMGSSKPTFRAVEIGPODDLDVAITENSQELRRNSGPGC 181
Db 124 FSACFDNFTALAFATACRQMGYS----RAVEIGPODDLDVAITENSQELRRNSGPGC 178
Qy 182 LSGSLVSLHCLACGSKLKTFRVVGGERASVDSWPMQVSIQYDKQHCYCGSILDPHVVFLA 241
Db 179 LSGSLVSLHCLACGSKLKTFRVVGGERASVDSWPMQVSIQYDKQHCYCGSILDPHVVFLA 238
Qy 242 AHCRKRTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCRKRTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy 302 GTVRPCLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVISTRCNADDAVQ 361
Db 299 GTVRPCLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVOVISTRCNADDAVQ 358
Qy 362 GEYTERKMKCAGIPBGGVDTCCGDSGGPLMTYQSDQMHVGVISWGYCGGSPSTPGYTTKVS 421
Db 359 GEYTERKMKCAGIPBGGVDTCCGDSGGPLMTYQSDQMHVGVISWGYCGGSPSTPGYTTKVS 418
Qy 422 AYLNMTIYNWKAEL 435
Db 419 AYLNMTIYNWKAEL 432

RESULT 131
US-10-052-586-330
Sequence 330, Application US/10052586
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnovers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430R1C1
CURRENT FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063121
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063486
PRIOR FILING DATE: 1997-10-21
PRIOR APPLICATION NUMBER: 60/063540
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063541
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063544
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063564
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063734
PRIOR FILING DATE: 1997-10-29

1	PRIOR FILING DATE: 1998-05-07	
2	PRIOR APPLICATION NUMBER: 60/084640	
3	PRIOR FILING DATE: 1998-05-07	
4	PRIOR APPLICATION NUMBER: 60/084643	
5	PRIOR FILING DATE: 1998-05-07	
6	PRIOR APPLICATION NUMBER: 60/085573	
7	PRIOR FILING DATE: 1998-05-15	
8	PRIOR APPLICATION NUMBER: 60/085582	
9	PRIOR FILING DATE: 1998-05-15	
10	PRIOR APPLICATION NUMBER: 60/085579	
11	PRIOR FILING DATE: 1998-05-15	
12	PRIOR APPLICATION NUMBER: 60/085560	
13	PRIOR FILING DATE: 1998-05-15	
14	PRIOR APPLICATION NUMBER: 60/085562	
15	PRIOR FILING DATE: 1998-05-15	
16	PRIOR APPLICATION NUMBER: 60/085570	
17	PRIOR FILING DATE: 1998-05-15	
18	PRIOR APPLICATION NUMBER: 60/086023	
19	PRIOR FILING DATE: 1998-05-18	
20	PRIOR APPLICATION NUMBER: 60/086392	
21	PRIOR FILING DATE: 1998-05-22	
22	PRIOR APPLICATION NUMBER: 60/086466	
23	PRIOR FILING DATE: 1998-05-22	
24	PRIOR APPLICATION NUMBER: 60/087098	
25	PRIOR FILING DATE: 1998-05-28	
26	PRIOR APPLICATION NUMBER: 60/087208	
27	PRIOR FILING DATE: 1998-05-28	
28	PRIOR APPLICATION NUMBER: 60/087609	
29	PRIOR FILING DATE: 1998-06-02	
30	PRIOR APPLICATION NUMBER: 60/087759	
31	PRIOR FILING DATE: 1998-06-02	
32	PRIOR APPLICATION NUMBER: 60/087827	
33	PRIOR FILING DATE: 1998-06-03	
34	PRIOR APPLICATION NUMBER: 60/088025	
35	PRIOR FILING DATE: 1998-06-04	
36	PRIOR APPLICATION NUMBER: 60/088028	
37	PRIOR FILING DATE: 1998-06-04	
38	PRIOR APPLICATION NUMBER: 60/088029	
39	PRIOR FILING DATE: 1998-06-04	
40	PRIOR APPLICATION NUMBER: 60/088033	
41	PRIOR FILING DATE: 1998-06-04	
42	PRIOR APPLICATION NUMBER: 60/088167	
43	PRIOR FILING DATE: 1998-06-05	
44	PRIOR APPLICATION NUMBER: 60/088217	
45	PRIOR FILING DATE: 1998-06-05	
46	PRIOR APPLICATION NUMBER: 60/088326	
47	PRIOR FILING DATE: 1998-06-04	
48	PRIOR APPLICATION NUMBER: 60/088655	
49	PRIOR FILING DATE: 1998-06-09	
50	PRIOR APPLICATION NUMBER: 60/088722	
51	PRIOR FILING DATE: 1998-06-10	
52	PRIOR APPLICATION NUMBER: 60/088739	
53	PRIOR FILING DATE: 1998-06-10	
54	PRIOR APPLICATION NUMBER: 60/088740	
55	PRIOR FILING DATE: 1998-06-10	
56	PRIOR APPLICATION NUMBER: 60/088811	
57	PRIOR FILING DATE: 1998-06-10	
58	PRIOR APPLICATION NUMBER: 60/088824	
59	PRIOR FILING DATE: 1998-06-10	
60	PRIOR APPLICATION NUMBER: 60/088825	
61	PRIOR FILING DATE: 1998-06-11	
62	PRIOR APPLICATION NUMBER: 60/088876	
63	PRIOR FILING DATE: 1998-06-11	
64	PRIOR APPLICATION NUMBER: 60/089090	
65	PRIOR FILING DATE: 1998-06-12	

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; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSDDPLNSLDVYKPKRPIPMETPRKVGIPITIALSLASIIIVVLIKVILDKYYFL 61
DB 4 DPDSDDPLNSLDVYKPKRPIPMETPRKVGIPITIALSLASIIIVVLIKVILDKYYFL 63
QY 62 CGQPLHFIPRKQJCDGELDCPLGEDEHCHVKSFPBEPAAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFIPRKQJCDGELDCPLGEDEHCHVKSFPBEPAAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTALAEFTACROMGYSKPTFRABEIGPDODDVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEFTACROMGYSKPTFRABEIGPDODDVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGGSIIDPHVJLA 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGGSIIDPHVJLA 238
QY 242 AHCFRKHITDVFNKVRASGDKLGSFPSLAVALKIIIEFPMPYKONDIALMKLOPPLTFS 301
DB 239 AHCFRKHITDVFNKVRASGDKLGSFPSLAVALKIIIEFPMPYKONDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFPDEELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCANADAYQ 361
DB 299 GTVRPICLPFPDEELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCANADAYQ 358
QY 362 GEVTERKMCAGIPBEGVDTCOGDSGGLMYOSDQMHVVGIYSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPBEGVDTCOGDSGGLMYOSDQMHVVGIYSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMTIYVWKAEL 435
DB 419 AYLNMTIYVWKAEL 432

```

```

RESULT 132
US-10-063-502-112
; Sequence 112, Application US/10063502
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063.502
; PRIOR FILING DATE: 2002-05-01
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112

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; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-502-112

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSDDPLNSLDVYKPKRPIPMETPRKVGIPITIALSLASIIIVVLIKVILDKYYFL 61
DB 4 DPDSDDPLNSLDVYKPKRPIPMETPRKVGIPITIALSLASIIIVVLIKVILDKYYFL 63
QY 62 CGQPLHFIPRKQJCDGELDCPLGEDEHCHVKSFPBEPAAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFIPRKQJCDGELDCPLGEDEHCHVKSFPBEPAAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTALAEFTACROMGYSKPTFRABEIGPDODDVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEFTACROMGYSKPTFRABEIGPDODDVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGGSIIDPHVJLA 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGGSIIDPHVJLA 238
QY 242 AHCFRKHITDVFNKVRASGDKLGSFPSLAVALKIIIEFPMPYKONDIALMKLOPPLTFS 301
DB 239 AHCFRKHITDVFNKVRASGDKLGSFPSLAVALKIIIEFPMPYKONDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFPDEELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCANADAYQ 361
DB 299 GTVRPICLPFPDEELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCANADAYQ 358
QY 362 GEVTERKMCAGIPBEGVDTCOGDSGGLMYOSDQMHVVGIYSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPBEGVDTCOGDSGGLMYOSDQMHVVGIYSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMTIYVWKAEL 435
DB 419 AYLNMTIYVWKAEL 432

```

```

RESULT 133
US-10-063-510-112
; Sequence 112, Application US/10063510
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063.510
; PRIOR FILING DATE: 2002-05-01
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-510-112

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
QY 2 DPDSDDPLNSLDVYKPKRPIPMETPRKVGIPITIALSLASIIIVVLIKVILDKYYFL 61

```

```

Db 4 DEDSDQPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLIKILDKYYFL 63
Qy 62 CGQPLHFI PRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLOVLSATGNW 121
Db 64 CGQPLHFI PRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLOVLSATGNW 123
Qy 122 FSACPDNTEALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 181
Db 124 FSACPDNTEALAEATACRQMGYS-----RAVEIGPDOLDVVEITENSQELMRNSSGPC 178
Qy 182 LSGSLVSLHCLACGSKSLTPRVGGEASVDSWPQVSIQYDKQHVCGSIIIDPHWVLT 241
Db 179 LSGSLVSLHCLACGSKSLTPRVGGEASVDSWPQVSIQYDKQHVCGSIIIDPHWVLT 238
Qy 242 AHCFRKHDTVNMVKVRASDKLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHDTVNMVKVRASDKLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
Qy 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
Db 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
Qy 362 GEVEKMMKAGIPREGVDTCCGSDGGLMYOSDOMHVVGIVSWGCGGSPSTPGVYTKVS 421
Db 359 GEVEKMMKAGIPREGVDTCCGSDGGLMYOSDOMHVVGIVSWGCGGSPSTPGVYTKVS 418
Qy 422 AYLNWYVNWKAEL 435
Db 419 AYLNWYVNWKAEL 432

```

RESULT 134

```

US-10-063-512-112
; Sequence 112, Application US/10063512
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,512
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-512-112

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```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
Qy 2 DEDSDQPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLIKILDKYYFL 61
Db 4 DEDSDQPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLIKILDKYYFL 63
Qy 62 CGQPLHFI PRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLOVLSATGNW 121
Db 64 CGQPLHFI PRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLOVLSATGNW 123
Qy 122 FSACPDNTEALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 181
Db 124 FSACPDNTEALAEATACRQMGYS-----RAVEIGPDOLDVVEITENSQELMRNSSGPC 178

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Qy 182 LSGSLVSLHCLACGSKSLTPRVVGEASVDSWPQVSIQYDKQHVCGSIIIDPHWVLT 241
Db 179 LSGSLVSLHCLACGSKSLTPRVVGEASVDSWPQVSIQYDKQHVCGSIIIDPHWVLT 238
Qy 242 AHCFRKHDTVNMVKVRASDKLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHDTVNMVKVRASDKLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
Qy 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
Db 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
Qy 362 GEVEKMMKAGIPREGVDTCCGSDGGLMYOSDOMHVVGIVSWGCGGSPSTPGVYTKVS 421
Db 359 GEVEKMMKAGIPREGVDTCCGSDGGLMYOSDOMHVVGIVSWGCGGSPSTPGVYTKVS 418
Qy 422 AYLNWYVNWKAEL 435
Db 419 AYLNWYVNWKAEL 432

```

RESULT 135

```

US-10-063-513-112
; Sequence 112, Application US/10063513
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,513
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-513-112

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```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
Qy 2 DEDSDQPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLIKILDKYYFL 61
Db 4 DEDSDQPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLIKILDKYYFL 63
Qy 62 CGQPLHFI PRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLOVLSATGNW 121
Db 64 CGQPLHFI PRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLOVLSATGNW 123
Qy 122 FSACPDNTEALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 181
Db 124 FSACPDNTEALAEATACRQMGYS-----RAVEIGPDOLDVVEITENSQELMRNSSGPC 178
Qy 182 LSGSLVSLHCLACGSKSLTPRVGGEASVDSWPQVSIQYDKQHVCGSIIIDPHWVLT 241
Db 179 LSGSLVSLHCLACGSKSLTPRVGGEASVDSWPQVSIQYDKQHVCGSIIIDPHWVLT 238
Qy 242 AHCFRKHDTVNMVKVRASDKLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHDTVNMVKVRASDKLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
Qy 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361

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Db      299 GTVAPICLPFDEBLTPATPLMIIIGWFTKONGGKMSDILLQASVQVYIDSTRCNADDAVQ 358
      |||
Qy      362 GEYTERKMCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSMGYCGGSGSTGGVYTKYS 421
      |||
Db      359 GEYTERKMCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSMGYCGGSGSTGGVYTKYS 418
      |||
Qy      422 AYLNWYINWKAEL 435
      |||
Db      419 AYLNWYINWKAEL 432
      |||

RESULT 136
US-10-063-514-112
; Sequence 112, Application US/10063514
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,514
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-514-112
```

```
Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
```

```
Qy      2 DPDSQPLNSLDVKKPRKRIPIMETFRKVGIPITIIALSLASITIVVLLIKVILDKTYFL 61
      |||
Db      4 DPDSQPLNSLDVKKPRKRIPIMETFRKVGIPITIIALSLASITIVVLLIKVILDKTYFL 63
      |||
Qy      62 CGQPLHFIPIRKQICGELDCPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
      |||
Db      64 CGQPLHFIPIRKQICGELDCPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123
      |||
Qy      122 FSACFDNFTALAEATACRQMGYSKPTFRAYEIGPDQDLVVEITENSQELRMENSSGPC 181
      |||
Db      124 FSACFDNFTALAEATACRQMGYSKPTFRAYEIGPDQDLVVEITENSQELRMENSSGPC 178
      |||
Qy      182 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLDHPHWLTA 241
      |||
Db      179 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLDHPHWLTA 238
      |||
Qy      242 AHCFRKHTDVFNWVKVRAGSDKLGSPSLAVAKIIIEFNPMYPNDNDIALMKLQPLTFS 301
      |||
Db      239 AHCFRKHTDVFNWVKVRAGSDKLGSPSLAVAKIIIEFNPMYPNDNDIALMKLQPLTFS 298
      |||
Qy      302 GTVAPICLPFDEBLTPATPLMIIIGWFTKONGGKMSDILLQASVQVYIDSTRCNADDAVQ 358
      |||
Db      299 GTVAPICLPFDEBLTPATPLMIIIGWFTKONGGKMSDILLQASVQVYIDSTRCNADDAVQ 358
      |||
Qy      362 GEYTERKMCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSMGYCGGSGSTGGVYTKYS 421
      |||
Db      359 GEYTERKMCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSMGYCGGSGSTGGVYTKYS 418
      |||
Qy      422 AYLNWYINWKAEL 435
      |||
Db      419 AYLNWYINWKAEL 432
      |||
```

```
RESULT 137
US-10-063-515-112
; Sequence 112, Application US/10063515
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,515
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-515-112
```

```
Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
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```
Qy      2 DPDSQPLNSLDVKKPRKRIPIMETFRKVGIPITIIALSLASITIVVLLIKVILDKTYFL 61
      |||
Db      4 DPDSQPLNSLDVKKPRKRIPIMETFRKVGIPITIIALSLASITIVVLLIKVILDKTYFL 63
      |||
Qy      62 CGQPLHFIPIRKQICGELDCPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
      |||
Db      64 CGQPLHFIPIRKQICGELDCPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123
      |||
Qy      122 FSACFDNFTALAEATACRQMGYSKPTFRAYEIGPDQDLVVEITENSQELRMENSSGPC 181
      |||
Db      124 FSACFDNFTALAEATACRQMGYSKPTFRAYEIGPDQDLVVEITENSQELRMENSSGPC 178
      |||
Qy      182 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLDHPHWLTA 241
      |||
Db      179 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLDHPHWLTA 238
      |||
Qy      242 AHCFRKHTDVFNWVKVRAGSDKLGSPSLAVAKIIIEFNPMYPNDNDIALMKLQPLTFS 301
      |||
Db      239 AHCFRKHTDVFNWVKVRAGSDKLGSPSLAVAKIIIEFNPMYPNDNDIALMKLQPLTFS 298
      |||
Qy      302 GTVAPICLPFDEBLTPATPLMIIIGWFTKONGGKMSDILLQASVQVYIDSTRCNADDAVQ 361
      |||
Db      299 GTVAPICLPFDEBLTPATPLMIIIGWFTKONGGKMSDILLQASVQVYIDSTRCNADDAVQ 358
      |||
Qy      362 GEYTERKMCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSMGYCGGSGSTGGVYTKYS 421
      |||
Db      359 GEYTERKMCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSMGYCGGSGSTGGVYTKYS 418
      |||
Qy      422 AYLNWYINWKAEL 435
      |||
Db      419 AYLNWYINWKAEL 432
      |||

RESULT 138
US-10-063-516-112
; Sequence 112, Application US/10063516
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
```

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; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: "Macanabe, Colin K."
; APPLICANT: "Wood, William I."
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,516
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-516-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

Oy 2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVILDKYYFL 61
Db 4 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVILDKYYFL 63
Oy 62 CGQPLHPIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKNSTLOVLSATGNW 121
Db 64 CGQPLHPIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKNSTLOVLSATGNW 123
Oy 122 FSACFDNFTETALATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGPC 181
Db 124 FSACFDNFTETALATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGPC 178
Oy 182 LSGSLVSLHCLACGSKLTPRVGGEBAVDSPWQVSIQYDKQHVCGSILDPHMYLTA 241
Db 179 LSGSLVSLHCLACGSKLTPRVGGEBAVDSPWQVSIQYDKQHVCGSILDPHMYLTA 238
Oy 242 AHCFRKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 301
Db 239 AHCFRKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 298
Oy 302 GTVPICLPFDEBELTPATPLMTIIGWFTKQNGKMSDILLQASVOVYDSTRCNADDAVQ 361
Db 299 GTVPICLPFDEBELTPATPLMTIIGWFTKQNGKMSDILLQASVOVYDSTRCNADDAVQ 358
Oy 362 GEVEKMMACAGIPGEGVDTCQDSSGPIMYOSDOMHVVGIVSMGYCGGSPSTPGVYTKVS 421
Db 359 GEVEKMMACAGIPGEGVDTCQDSSGPIMYOSDOMHVVGIVSMGYCGGSPSTPGVYTKVS 418
Oy 422 AYLMWIVYVWKAEL 435
Db 419 AYLMWIVYVWKAEL 432

RESULT 139
US-10-063-517-112
; Sequence 112, Application US/10063517
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,517
; CURRENT FILING DATE: 2002-05-01

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; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-517-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

Oy 2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVILDKYYFL 61
Db 4 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVILDKYYFL 63
Oy 62 CGQPLHPIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKNSTLOVLSATGNW 121
Db 64 CGQPLHPIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKNSTLOVLSATGNW 123
Oy 122 FSACFDNFTETALATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGPC 181
Db 124 FSACFDNFTETALATACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGPC 178
Oy 182 LSGSLVSLHCLACGSKLTPRVGGEBAVDSPWQVSIQYDKQHVCGSILDPHMYLTA 241
Db 179 LSGSLVSLHCLACGSKLTPRVGGEBAVDSPWQVSIQYDKQHVCGSILDPHMYLTA 238
Oy 242 AHCFRKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 301
Db 239 AHCFRKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 298
Oy 302 GTVPICLPFDEBELTPATPLMTIIGWFTKQNGKMSDILLQASVOVYDSTRCNADDAVQ 361
Db 299 GTVPICLPFDEBELTPATPLMTIIGWFTKQNGKMSDILLQASVOVYDSTRCNADDAVQ 358
Oy 362 GEVEKMMACAGIPGEGVDTCQDSSGPIMYOSDOMHVVGIVSMGYCGGSPSTPGVYTKVS 421
Db 359 GEVEKMMACAGIPGEGVDTCQDSSGPIMYOSDOMHVVGIVSMGYCGGSPSTPGVYTKVS 418
Oy 422 AYLMWIVYVWKAEL 435
Db 419 AYLMWIVYVWKAEL 432

RESULT 140
US-10-063-518-112
; Sequence 112, Application US/10063518
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,518
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-518-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;

```

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLIKVLIDKYYFL 61
 DB 4 DPDSQPLNSLDVPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLIKVLIDKYYFL 63
 QY 62 CGOPLHFIPIRKOCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKORSTLOVLD SATGM 121
 DB 64 CGOPLHFIPIRKOCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKORSTLOVLD SATGM 123
 QY 122 FSAFDFNFTALATACROWGYSKPTFAVEIGPDODLVEITENSQELMRNSGPG 181
 DB 124 FSAFDFNFTALATACROWGYS-----RAVEIGPDODLVEITENSQELMRNSGPG 178
 QY 182 LSGSLVSIHCLACGSKLKTFRVVGGEASVDSWPWQVSIQYDKOHVCGSIIIDPHVLT 241
 DB 179 LSGSLVSIHCLACGSKLKTFRVVGGEASVDSWPWQVSIQYDKOHVCGSIIIDPHVLT 238
 QY 242 AHCERKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 DB 239 AHCERKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
 QY 302 GTVRPCLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
 DB 299 GTVRPCLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
 QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGI VSWGYCGGSPSTPGYTTKVS 421
 DB 359 GEYTERKMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGI VSWGYCGGSPSTPGYTTKVS 418
 QY 422 AYINMIVNWKAEI 435
 DB 419 AYINMIVNWKAEI 432

RESULT 141
 US-10-063-519-112
 ; Sequence 112, Application US/10063519
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerlitsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Matanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063, 519
 ; CURRENT FILING DATE: 2002-05-01
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 112
 ; LENGTH: 432
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-063-519-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLIKVLIDKYYFL 61
 DB 4 DPDSQPLNSLDVPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLIKVLIDKYYFL 63
 QY 62 CGOPLHFIPIRKOCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKORSTLOVLD SATGM 121
 DB 64 CGOPLHFIPIRKOCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKORSTLOVLD SATGM 123

QY 122 FSAFDFNFTALATACROWGYSKPTFAVEIGPDODLVEITENSQELMRNSGPG 181
 DB 124 FSAFDFNFTALATACROWGYS-----RAVEIGPDODLVEITENSQELMRNSGPG 178
 QY 182 LSGSLVSIHCLACGSKLKTFRVVGGEASVDSWPWQVSIQYDKOHVCGSIIIDPHVLT 241
 DB 179 LSGSLVSIHCLACGSKLKTFRVVGGEASVDSWPWQVSIQYDKOHVCGSIIIDPHVLT 238
 QY 242 AHCERKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 DB 239 AHCERKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
 QY 302 GTVRPCLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
 DB 299 GTVRPCLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
 QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGI VSWGYCGGSPSTPGYTTKVS 421
 DB 359 GEYTERKMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGI VSWGYCGGSPSTPGYTTKVS 418
 QY 422 AYINMIVNWKAEI 435
 DB 419 AYINMIVNWKAEI 432

RESULT 142
 US-10-063-520-112
 ; Sequence 112, Application US/10063520
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerlitsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Matanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063, 520
 ; CURRENT FILING DATE: 2002-05-01
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 112
 ; LENGTH: 432
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-063-520-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLIKVLIDKYYFL 61
 DB 4 DPDSQPLNSLDVPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLIKVLIDKYYFL 63
 QY 62 CGOPLHFIPIRKOCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKORSTLOVLD SATGM 121
 DB 64 CGOPLHFIPIRKOCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKORSTLOVLD SATGM 123
 QY 122 FSAFDFNFTALATACROWGYSKPTFAVEIGPDODLVEITENSQELMRNSGPG 181
 DB 124 FSAFDFNFTALATACROWGYS-----RAVEIGPDODLVEITENSQELMRNSGPG 178
 QY 182 LSGSLVSIHCLACGSKLKTFRVVGGEASVDSWPWQVSIQYDKOHVCGSIIIDPHVLT 241
 DB 179 LSGSLVSIHCLACGSKLKTFRVVGGEASVDSWPWQVSIQYDKOHVCGSIIIDPHVLT 238
 QY 242 AHCERKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301

Db 239 AHCRKHEDVFNKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTFS 298
Qy 302 GTVRPCLPFPDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
Db 299 GTVRPCLPFPDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
Qy 362 GEVTERKMCAGIPBEGVDTCQSDSGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 421
Db 359 GEVTERKMCAGIPBEGVDTCQSDSGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 418
Qy 422 AYLNMIYVWKAEL 435
Db 419 AYLNMIYVWKAEL 432

RESULT 143
US-10-063-521-112
; Sequence 112, Application US/10063521
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,521
; PRIOR FILING DATE: 2002-05-01
; PRIOR Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-521-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DPDSQPLNSLDVFKLRKPRIPMETFRKVGIPIIIALSLASIIIVVLIKVIIDKYYFL 61
Db 4 DPDSQPLNSLDVFKLRKPRIPMETFRKVGIPIIIALSLASIIIVVLIKVIIDKYYFL 63
Qy 62 CGQPLHFIIPRKQDCGEIDCPLGEBDEHCVKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGQPLHFIIPRKQDCGEIDCPLGEBDEHCVKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123
Qy 122 PSACPDNTFLAETACQMGYSKPTPAVEIGDQDLVVEITENSQELMRNRSNGPC 181
Db 124 PSACPDNTFLAETACQMGYSKPTPAVEIGDQDLVVEITENSQELMRNRSNGPC 178
Qy 182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSPMQVSIQYDKQHVCGSIIIDPMVLT 241
Db 179 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSPMQVSIQYDKQHVCGSIIIDPMVLT 238
Qy 242 AHCFRKHEDVFNKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTFS 301
Db 239 AHCFRKHEDVFNKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTFS 298
Qy 302 GTVRPCLPFPDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
Db 299 GTVRPCLPFPDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
Qy 362 GEVTERKMCAGIPBEGVDTCQSDSGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 421
Db 359 GEVTERKMCAGIPBEGVDTCQSDSGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 418

Qy 422 AYLNMIYVWKAEL 435
Db 419 AYLNMIYVWKAEL 432

RESULT 144
US-10-063-523-112
; Sequence 112, Application US/10063523
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,523
; PRIOR FILING DATE: 2002-05-02
; PRIOR Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-523-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DPDSQPLNSLDVFKLRKPRIPMETFRKVGIPIIIALSLASIIIVVLIKVIIDKYYFL 61
Db 4 DPDSQPLNSLDVFKLRKPRIPMETFRKVGIPIIIALSLASIIIVVLIKVIIDKYYFL 63
Qy 62 CGQPLHFIIPRKQDCGEIDCPLGEBDEHCVKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGQPLHFIIPRKQDCGEIDCPLGEBDEHCVKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123
Qy 122 PSACPDNTFLAETACQMGYSKPTPAVEIGDQDLVVEITENSQELMRNRSNGPC 181
Db 124 PSACPDNTFLAETACQMGYSKPTPAVEIGDQDLVVEITENSQELMRNRSNGPC 178
Qy 182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSPMQVSIQYDKQHVCGSIIIDPMVLT 241
Db 179 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSPMQVSIQYDKQHVCGSIIIDPMVLT 238
Qy 242 AHCFRKHEDVFNKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTFS 301
Db 239 AHCFRKHEDVFNKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTFS 298
Qy 302 GTVRPCLPFPDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
Db 299 GTVRPCLPFPDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
Qy 362 GEVTERKMCAGIPBEGVDTCQSDSGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 421
Db 359 GEVTERKMCAGIPBEGVDTCQSDSGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 418

RESULT 145
US-10-063-524-112
; Sequence 112, Application US/10063524
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.

```

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-524-112

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLKIVLDKYYFL 61
DB 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLKIVLDKYYFL 63
QY 62 CGQPLHFIPIRKQICDGLDCPLGEDEBEHCYKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 121
DB 64 CGQPLHFIPIRKQICDGLDCPLGEDEBEHCYKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 123
QY 122 FSACFDNFTALAEACRQMGYSKPTFRAVEIGPDQDLDVVEITENSQELMRNNSGFC 181
DB 124 FSACFDNFTALAEACRQMGYSKPTFRAVEIGPDQDLDVVEITENSQELMRNNSGFC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVFNMKVRASGDKLSPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVFNMKVRASGDKLSPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFPDEBLTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAAYQ 361
DB 299 GTVRPICLPFPDEBLTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAAYQ 358
QY 362 GEYTERKMCAGIPREGVDTCQDSSGGLMYOSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPREGVDTCQDSSGGLMYOSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

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RESULT 146
US-10-063-525-112

```

; Sequence 112, Application US/10063525
; GENERAL INFORMATION:
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Baton, Dan L.
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-526-112

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; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,525
; CURRENT FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-525-112

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLKIVLDKYYFL 61
DB 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLKIVLDKYYFL 63
QY 62 CGQPLHFIPIRKQICDGLDCPLGEDEBEHCYKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 121
DB 64 CGQPLHFIPIRKQICDGLDCPLGEDEBEHCYKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 123
QY 122 FSACFDNFTALAEACRQMGYSKPTFRAVEIGPDQDLDVVEITENSQELMRNNSGFC 181
DB 124 FSACFDNFTALAEACRQMGYSKPTFRAVEIGPDQDLDVVEITENSQELMRNNSGFC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVFNMKVRASGDKLSPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVFNMKVRASGDKLSPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFPDEBLTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAAYQ 361
DB 299 GTVRPICLPFPDEBLTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAAYQ 358
QY 362 GEYTERKMCAGIPREGVDTCQDSSGGLMYOSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPREGVDTCQDSSGGLMYOSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

```

RESULT 147
US-10-063-526-112

```

; Sequence 112, Application US/10063526
; GENERAL INFORMATION:
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Baton, Dan L.
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,526
; CURRENT FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-526-112

```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIALSLASIIIVVILIKYILDKYFL 61
DB 4 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIALSLASIIIVVILIKYILDKYFL 63
QY 62 CGOPLHFIIPKQOLCGELDCPLGEBDEHCVKSPFPGPAVAVRLSKDRSTLOVLSATGNW 121
DB 64 CGOPLHFIIPKQOLCGELDCPLGEBDEHCVKSPFPGPAVAVRLSKDRSTLOVLSATGNW 123
QY 122 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNRSQPC 181
DB 124 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNRSQPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMYLTA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMYLTA 238
QY 242 AHCRKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEELTPATPLMTIGMFTKQNGKMSDILLQASVQVYDSTRCANADAYQ 361
DB 299 GTVAPICLPFDEELTPATPLMTIGMFTKQNGKMSDILLQASVQVYDSTRCANADAYQ 358
QY 362 GEVTERKMCAGIPBEGVDTCQSDSGPLMYOSDQMHVGVISWGYCGGSPSTPGYTTKVS 421
DB 359 GEVTERKMCAGIPBEGVDTCQSDSGPLMYOSDQMHVGVISWGYCGGSPSTPGYTTKVS 418
QY 422 AYLMWYVWKAEL 435
DB 419 AYLMWYVWKAEL 432

RESULT 148
US-10-063-527-112
; Sequence 112, Application US/10063527
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,527
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-527-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIALSLASIIIVVILIKYILDKYFL 61
DB 4 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIALSLASIIIVVILIKYILDKYFL 63
QY 62 CGOPLHFIIPKQOLCGELDCPLGEBDEHCVKSPFPGPAVAVRLSKDRSTLOVLSATGNW 121
DB 64 CGOPLHFIIPKQOLCGELDCPLGEBDEHCVKSPFPGPAVAVRLSKDRSTLOVLSATGNW 123

DB 64 CGOPLHFIIPKQOLCGELDCPLGEBDEHCVKSPFPGPAVAVRLSKDRSTLOVLSATGNW 123
QY 122 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNRSQPC 181
DB 124 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNRSQPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMYLTA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMYLTA 238
QY 242 AHCRKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEELTPATPLMTIGMFTKQNGKMSDILLQASVQVYDSTRCANADAYQ 361
DB 299 GTVAPICLPFDEELTPATPLMTIGMFTKQNGKMSDILLQASVQVYDSTRCANADAYQ 358
QY 362 GEVTERKMCAGIPBEGVDTCQSDSGPLMYOSDQMHVGVISWGYCGGSPSTPGYTTKVS 421
DB 359 GEVTERKMCAGIPBEGVDTCQSDSGPLMYOSDQMHVGVISWGYCGGSPSTPGYTTKVS 418
QY 422 AYLMWYVWKAEL 435
DB 419 AYLMWYVWKAEL 432

RESULT 149
US-10-063-528-112
; Sequence 112, Application US/10063528
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,528
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-528-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIALSLASIIIVVILIKYILDKYFL 61
DB 4 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIALSLASIIIVVILIKYILDKYFL 63
QY 62 CGOPLHFIIPKQOLCGELDCPLGEBDEHCVKSPFPGPAVAVRLSKDRSTLOVLSATGNW 121
DB 64 CGOPLHFIIPKQOLCGELDCPLGEBDEHCVKSPFPGPAVAVRLSKDRSTLOVLSATGNW 123
QY 122 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNRSQPC 181
DB 124 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNRSQPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMYLTA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMYLTA 238

QY 242 AHCRKHTDVFNWKVRAGSDKLSGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTFS 301
 Db 239 AHCRKHTDVFNWKVRAGSDKLSGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTFS 298
 QY 302 GTVRPICIPEFDELTPTATPLMTIIGWGFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
 Db 299 GTVRPICIPEFDELTPTATPLMTIIGWGFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
 QY 362 GEYTERKMCAGIPBGGVDTCCGSDSGGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
 Db 359 GEYTERKMCAGIPBGGVDTCCGSDSGGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
 QY 422 AYLNMIYNVWKAEI 435
 Db 419 AYLNMIYNVWKAEI 432

RESULT 150
 US-10-063-529-112
 ; Sequence 112, Application US/10063529
 ; GENERAL INFORMATION:
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Geriltsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Matanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,529
 ; PRIOR FILING DATE: 2002-05-02
 ; PRIOR Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 112
 ; LENGTH: 432
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-063-529-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
 QY 2 DPDSQPLNSLDVKKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYFL 61
 Db 4 DPDSQPLNSLDVKKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYFL 63
 QY 62 CGQPLHFIIPKQICDGLDCLPGLGDEBEHCYKSPFEGPAVAVRLSKDSTLQVLD SATGNW 121
 Db 64 CGQPLHFIIPKQICDGLDCLPGLGDEBEHCYKSPFEGPAVAVRLSKDSTLQVLD SATGNW 123
 QY 122 FSACFDNFTALAEACRQMGYSKPTFRAYEIGPDODLVVEITENSQELRMRNSSGPC 181
 Db 124 FSACFDNFTALAEACRQMGYSKPTFRAYEIGPDODLVVEITENSQELRMRNSSGPC 178
 QY 182 LSGSLVSLHCLACGSKLTPRVVVGEEBASVDSWPWQVSIQYDKQHCYCGSIIIDPHVVLTA 241
 Db 179 LSGSLVSLHCLACGSKLTPRVVVGEEBASVDSWPWQVSIQYDKQHCYCGSIIIDPHVVLTA 238
 QY 242 AHCRKHTDVFNWKVRAGSDKLSGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTFS 301
 Db 239 AHCRKHTDVFNWKVRAGSDKLSGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTFS 298
 QY 302 GTVRPICIPEFDELTPTATPLMTIIGWGFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
 Db 299 GTVRPICIPEFDELTPTATPLMTIIGWGFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
 QY 362 GEYTERKMCAGIPBGGVDTCCGSDSGGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421

Db 359 GEYTERKMCAGIPBGGVDTCCGSDSGGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
 QY 422 AYLNMIYNVWKAEI 435
 Db 419 AYLNMIYNVWKAEI 432

RESULT 151
 US-10-063-530-112
 ; Sequence 112, Application US/10063530
 ; GENERAL INFORMATION:
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Geriltsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Matanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,530
 ; PRIOR FILING DATE: 2002-05-02
 ; PRIOR Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 112
 ; LENGTH: 432
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-063-530-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
 QY 2 DPDSQPLNSLDVKKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYFL 61
 Db 4 DPDSQPLNSLDVKKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYFL 63
 QY 62 CGQPLHFIIPKQICDGLDCLPGLGDEBEHCYKSPFEGPAVAVRLSKDSTLQVLD SATGNW 121
 Db 64 CGQPLHFIIPKQICDGLDCLPGLGDEBEHCYKSPFEGPAVAVRLSKDSTLQVLD SATGNW 123
 QY 122 FSACFDNFTALAEACRQMGYSKPTFRAYEIGPDODLVVEITENSQELRMRNSSGPC 181
 Db 124 FSACFDNFTALAEACRQMGYSKPTFRAYEIGPDODLVVEITENSQELRMRNSSGPC 178
 QY 182 LSGSLVSLHCLACGSKLTPRVVVGEEBASVDSWPWQVSIQYDKQHCYCGSIIIDPHVVLTA 241
 Db 179 LSGSLVSLHCLACGSKLTPRVVVGEEBASVDSWPWQVSIQYDKQHCYCGSIIIDPHVVLTA 238
 QY 242 AHCRKHTDVFNWKVRAGSDKLSGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTFS 301
 Db 239 AHCRKHTDVFNWKVRAGSDKLSGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTFS 298
 QY 302 GTVRPICIPEFDELTPTATPLMTIIGWGFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
 Db 299 GTVRPICIPEFDELTPTATPLMTIIGWGFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
 QY 362 GEYTERKMCAGIPBGGVDTCCGSDSGGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
 Db 359 GEYTERKMCAGIPBGGVDTCCGSDSGGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
 QY 422 AYLNMIYNVWKAEI 435
 Db 419 AYLNMIYNVWKAEI 432

RESULT 152
 US-10-063-532-112

```

; Sequence 112, Application US/10063532
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,532
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-532-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRPRIPEMETFRKVGIPITIIALSLASIIIVVLIKVIIDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPEMETFRKVGIPITIIALSLASIIIVVLIKVIIDKYFL 63
QY 62 CGQPLHFI PRKQDCGELDCPLGDEBEHCYKSPFGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFI PRKQDCGELDCPLGDEBEHCYKSPFGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 FSACPDNTEALAEAFACROMGYSSKPTFAVEIGPDOLDVVEITENSQELMRNMSGPC 181
DB 124 FSACPDNTEALAEAFACROMGYSSKPTFAVEIGPDOLDVVEITENSQELMRNMSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPTPRVVGEEASVDSWPQVSIQYDKQHYCGGSIIDPRMVLTA 241
DB 179 LSGSLVSLHCLACGSKLTPTPRVVGEEASVDSWPQVSIQYDKQHYCGGSIIDPRMVLTA 238
QY 242 AHCFKHTDVFNWKVRASGDKLGSFPLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 301
DB 239 AHCFKHTDVFNWKVRASGDKLGSFPLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 298
QY 302 GTVRPCLPFPDEBLTPATPLMIIGMFTKONGKMSDILLQASVOVISTRCNADDAVQ 361
DB 299 GTVRPCLPFPDEBLTPATPLMIIGMFTKONGKMSDILLQASVOVISTRCNADDAVQ 358
QY 362 GEVTEKMKCAGIPBEGGVDTTCQDSSGPLYMOSDOMHVVGIYSWGVCGGPSTPGVYTKVS 421
DB 359 GEVTEKMKCAGIPBEGGVDTTCQDSSGPLYMOSDOMHVVGIYSWGVCGGPSTPGVYTKVS 418
QY 422 AYLANMIYNNWKAEL 435
DB 419 AYLANMIYNNWKAEL 432

```

```

; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,534
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-534-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRPRIPEMETFRKVGIPITIIALSLASIIIVVLIKVIIDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPEMETFRKVGIPITIIALSLASIIIVVLIKVIIDKYFL 63
QY 62 CGQPLHFI PRKQDCGELDCPLGDEBEHCYKSPFGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFI PRKQDCGELDCPLGDEBEHCYKSPFGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 FSACPDNTEALAEAFACROMGYSSKPTFAVEIGPDOLDVVEITENSQELMRNMSGPC 181
DB 124 FSACPDNTEALAEAFACROMGYSSKPTFAVEIGPDOLDVVEITENSQELMRNMSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPTPRVVGEEASVDSWPQVSIQYDKQHYCGGSIIDPRMVLTA 241
DB 179 LSGSLVSLHCLACGSKLTPTPRVVGEEASVDSWPQVSIQYDKQHYCGGSIIDPRMVLTA 238
QY 242 AHCFKHTDVFNWKVRASGDKLGSFPLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 301
DB 239 AHCFKHTDVFNWKVRASGDKLGSFPLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 298
QY 302 GTVRPCLPFPDEBLTPATPLMIIGMFTKONGKMSDILLQASVOVISTRCNADDAVQ 361
DB 299 GTVRPCLPFPDEBLTPATPLMIIGMFTKONGKMSDILLQASVOVISTRCNADDAVQ 358
QY 362 GEVTEKMKCAGIPBEGGVDTTCQDSSGPLYMOSDOMHVVGIYSWGVCGGPSTPGVYTKVS 421
DB 359 GEVTEKMKCAGIPBEGGVDTTCQDSSGPLYMOSDOMHVVGIYSWGVCGGPSTPGVYTKVS 418
QY 422 AYLANMIYNNWKAEL 435
DB 419 AYLANMIYNNWKAEL 432

```

```

RESULT 153
US-10-063-534-112
; Sequence 112, Application US/10063534
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.

```

```

RESULT 154
US-10-063-536-112
; Sequence 112, Application US/10063536
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,536
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432

```


TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-536-112

Query Match
Best Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPKRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 61
DB 4 DPDSQPLNSLDVYKPKRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 63
QY 62 CGOPLHPIPRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKORSTLOVLDATGNW 121
DB 64 CGOPLHPIPRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKORSTLOVLDATGNW 123
QY 122 FSACFDNFTALAEATACRQWYSSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEATACRQWYSSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSIIIDPHVTLA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSIIIDPHVTLA 238
QY 242 AHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMLKQPLPFS 301
DB 239 AHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMLKQPLPFS 298
QY 302 GTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADDAVQ 361
DB 299 GTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPREGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 421
DB 359 GEVTERKMCAGIPREGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 155
US-10-063-537-112
Sequence 112, Application US/10063537
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,537
Prior Application removed - 2002-05-02
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-537-112

Query Match
Best Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
QY 2 DPDSQPLNSLDVYKPKRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 61

DB 4 DPDSQPLNSLDVYKPKRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 63
QY 62 CGOPLHPIPRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKORSTLOVLDATGNW 121
DB 64 CGOPLHPIPRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKORSTLOVLDATGNW 123
QY 122 FSACFDNFTALAEATACRQWYSSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEATACRQWYSSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSIIIDPHVTLA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSIIIDPHVTLA 238
QY 242 AHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMLKQPLPFS 301
DB 239 AHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMLKQPLPFS 298
QY 302 GTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADDAVQ 361
DB 299 GTVRPCLPFDEBELPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPREGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 421
DB 359 GEVTERKMCAGIPREGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 156
US-10-063-538-112
Sequence 112, Application US/10063538
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,538
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-538-112

Query Match
Best Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
QY 2 DPDSQPLNSLDVYKPKRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 61
DB 4 DPDSQPLNSLDVYKPKRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 63
QY 62 CGOPLHPIPRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKORSTLOVLDATGNW 121
DB 64 CGOPLHPIPRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKORSTLOVLDATGNW 123
QY 122 FSACFDNFTALAEATACRQWYSSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEATACRQWYSSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 178

```

Qy 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 241
|
|
|
Db 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 238
|
|
|
Qy 242 AHCERKHTDVNMWKRASDGLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
|
|
|
Db 239 AHCERKHTDVNMWKRASDGLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
|
|
|
Qy 302 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
|
|
|
Db 299 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
|
|
|
Qy 362 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
|
|
|
Db 359 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
|
|
|
Qy 422 AYLNMIYVWKAEL 435
|
|
|
Db 419 AYLNMIYVWKAEL 432
|
|
|

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RESULT 157

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US-10-063-540-112
; Sequence 112, Application US/10063540
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,540
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-540-112

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Query Match          98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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```

Qy 2 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIIALLSLASIIIVVLLIVLIIDKYFL 61
|
|
|
Db 4 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIIALLSLASIIIVVLLIVLIIDKYFL 63
|
|
|
Qy 62 CGOPLHFIPIKQOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 121
|
|
|
Db 64 CGOPLHFIPIKQOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 123
|
|
|
Qy 122 FSACFDNTEALAEATACRQWYSSKPTFAVEIGPDODLDVVEITENSQELRMENSSGPC 181
|
|
|
Db 124 FSACFDNTEALAEATACRQWYSSKPTFAVEIGPDODLDVVEITENSQELRMENSSGPC 178
|
|
|
Qy 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 241
|
|
|
Db 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 238
|
|
|
Qy 242 AHCERKHTDVNMWKRASDGLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
|
|
|
Db 239 AHCERKHTDVNMWKRASDGLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
|
|
|
Qy 302 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
|
|
|

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Db 299 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
|
|
|
Qy 362 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
|
|
|
Db 359 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
|
|
|
Qy 422 AYLNMIYVWKAEL 435
|
|
|
Db 419 AYLNMIYVWKAEL 432
|
|
|

```

RESULT 158

```

US-10-063-541-112
; Sequence 112, Application US/10063541
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,541
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-541-112

```

```

Query Match          98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

Qy 2 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIIALLSLASIIIVVLLIVLIIDKYFL 61
|
|
|
Db 4 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIIALLSLASIIIVVLLIVLIIDKYFL 63
|
|
|
Qy 62 CGOPLHFIPIKQOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 121
|
|
|
Db 64 CGOPLHFIPIKQOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 123
|
|
|
Qy 122 FSACFDNTEALAEATACRQWYSSKPTFAVEIGPDODLDVVEITENSQELRMENSSGPC 181
|
|
|
Db 124 FSACFDNTEALAEATACRQWYSSKPTFAVEIGPDODLDVVEITENSQELRMENSSGPC 178
|
|
|
Qy 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 241
|
|
|
Db 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 238
|
|
|
Qy 242 AHCERKHTDVNMWKRASDGLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
|
|
|
Db 239 AHCERKHTDVNMWKRASDGLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
|
|
|
Qy 302 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
|
|
|
Db 299 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
|
|
|
Qy 362 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
|
|
|
Db 359 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
|
|
|
Qy 422 AYLNMIYVWKAEL 435
|
|
|
Db 419 AYLNMIYVWKAEL 432
|
|
|

```

```
RESULT 159
US-10-063-544-112
; Sequence 112, Application US/10063544
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltseu, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,544
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-544-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVKKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVKKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 63
QY 62 CGOPLHFIPIRKQICDGEIDCPGDEBHCYKSPFEGPAAVAVLSKDRSTLQVLDSATGNW 121
DB 64 CGOPLHFIPIRKQICDGEIDCPGDEBHCYKSPFEGPAAVAVLSKDRSTLQVLDSATGNW 123
QY 122 FSACFNFTEALAEATACROMGYSKPTPAVEIGPDOLDVVEITENSQELRMNNSGPC 181
DB 124 FSACFNFTEALAEATACROMGYSKPTPAVEIGPDOLDVVEITENSQELRMNNSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 238
QY 242 AHCFRKHDTVFNWKVRAASDKLGSFPLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 301
DB 239 AHCFRKHDTVFNWKVRAASDKLGSFPLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 298
QY 302 GTVRPILCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
DB 299 GTVRPILCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
QY 362 GEVTERKMMKAGIPBEGVDTCQDSGGPLMYQSDQMHVVGIVSMGYGCGSPSTPGVYTKVS 421
DB 359 GEVTERKMMKAGIPBEGVDTCQDSGGPLMYQSDQMHVVGIVSMGYGCGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 160
US-10-063-546-112
; Sequence 112, Application US/10063546
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltseu, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,546
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-546-112
```

```
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,546
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-546-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVKKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVKKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 63
QY 62 CGOPLHFIPIRKQICDGEIDCPGDEBHCYKSPFEGPAAVAVLSKDRSTLQVLDSATGNW 121
DB 64 CGOPLHFIPIRKQICDGEIDCPGDEBHCYKSPFEGPAAVAVLSKDRSTLQVLDSATGNW 123
QY 122 FSACFNFTEALAEATACROMGYSKPTPAVEIGPDOLDVVEITENSQELRMNNSGPC 181
DB 124 FSACFNFTEALAEATACROMGYSKPTPAVEIGPDOLDVVEITENSQELRMNNSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 238
QY 242 AHCFRKHDTVFNWKVRAASDKLGSFPLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 301
DB 239 AHCFRKHDTVFNWKVRAASDKLGSFPLAVAKIIIEFNPMYPKNDIALMKLQFPLTFS 298
QY 302 GTVRPILCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
DB 299 GTVRPILCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
QY 362 GEVTERKMMKAGIPBEGVDTCQDSGGPLMYQSDQMHVVGIVSMGYGCGSPSTPGVYTKVS 421
DB 359 GEVTERKMMKAGIPBEGVDTCQDSGGPLMYQSDQMHVVGIVSMGYGCGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 161
US-10-063-547-112
; Sequence 112, Application US/10063547
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltseu, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,547
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
```

NUMBER OF SEQ ID NOS: 170
 SEQ ID NO 112
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-063-547-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
 DB 4 DPDSQPLNSLDVYKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
 QY 62 CGQPLHFIPIRQKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRSLKDRSTLQVLDSATGNW 121
 DB 64 CGQPLHFIPIRQKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRSLKDRSTLQVLDSATGNW 123
 QY 122 FSACFDNFTALAEATACRQMGYSKPTFRVAVEIGPDQDLVVEITENSQELMRNMSGPC 181
 DB 124 FSACFDNFTALAEATACRQMGYSKPTFRVAVEIGPDQDLVVEITENSQELMRNMSGPC 178
 QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKQHCVCSSILDPHMVLT 241
 DB 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKQHCVCSSILDPHMVLT 238
 QY 242 AHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRONDIALMKLOPPLTFS 301
 DB 239 AHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRONDIALMKLOPPLTFS 298
 QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASQVYIDSTRCANADAYQ 361
 DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASQVYIDSTRCANADAYQ 358
 QY 362 GEVTEKMKACGIPRGGVDTCCGDSGGLMYOSDOMHVYGVISMGVCGGSPSTPGVYTKVS 421
 DB 359 GEVTEKMKACGIPRGGVDTCCGDSGGLMYOSDOMHVYGVISMGVCGGSPSTPGVYTKVS 418
 QY 422 AYLNMIYVWKAEL 435
 DB 419 AYLNMIYVWKAEL 432

RESULT 162

US-10-063-548-112
 Sequence 112; Application US/10063548

GENERAL INFORMATION:

APPLICANT: Eaton, Dan L.
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3230R1C1
 CURRENT APPLICATION NUMBER: US/10/063,548
 CURRENT FILING DATE: 2002-05-02
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO 112
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-063-548-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
 DB 4 DPDSQPLNSLDVYKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
 QY 62 CGQPLHFIPIRQKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRSLKDRSTLQVLDSATGNW 121
 DB 64 CGQPLHFIPIRQKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRSLKDRSTLQVLDSATGNW 123
 QY 122 FSACFDNFTALAEATACRQMGYSKPTFRVAVEIGPDQDLVVEITENSQELMRNMSGPC 181
 DB 124 FSACFDNFTALAEATACRQMGYSKPTFRVAVEIGPDQDLVVEITENSQELMRNMSGPC 178
 QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKQHCVCSSILDPHMVLT 241
 DB 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKQHCVCSSILDPHMVLT 238
 QY 242 AHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRONDIALMKLOPPLTFS 301
 DB 239 AHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRONDIALMKLOPPLTFS 298
 QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASQVYIDSTRCANADAYQ 361
 DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASQVYIDSTRCANADAYQ 358
 QY 362 GEVTEKMKACGIPRGGVDTCCGDSGGLMYOSDOMHVYGVISMGVCGGSPSTPGVYTKVS 421
 DB 359 GEVTEKMKACGIPRGGVDTCCGDSGGLMYOSDOMHVYGVISMGVCGGSPSTPGVYTKVS 418
 QY 422 AYLNMIYVWKAEL 435
 DB 419 AYLNMIYVWKAEL 432

RESULT 163

US-10-063-549-112
 Sequence 112; Application US/10063549

GENERAL INFORMATION:

APPLICANT: Eaton, Dan L.
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3230R1C1
 CURRENT APPLICATION NUMBER: US/10/063,549
 CURRENT FILING DATE: 2002-05-02
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO 112
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-063-549-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
 DB 4 DPDSQPLNSLDVYKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
 QY 62 CGQPLHFIPIRQKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRSLKDRSTLQVLDSATGNW 121
 DB 64 CGQPLHFIPIRQKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRSLKDRSTLQVLDSATGNW 123
 QY 122 FSACFDNFTALAEATACRQMGYSKPTFRVAVEIGPDQDLVVEITENSQELMRNMSGPC 181

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Db 124 FSACFDNFTEALAEATACRQMGYS-----RAVEIGPDODLDVVEITENSQELMRNSSGPG 178
Qy 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 241
Db 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 238
Qy 242 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAIVAKIIIEFNPMYPKNDIALMKLQFPLTFS 301
Db 239 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAIVAKIIIEFNPMYPKNDIALMKLQFPLTFS 298
Qy 302 GTVRPILCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVQVISTRCNADAYQ 361
Db 299 GTVRPILCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVQVISTRCNADAYQ 358
Qy 362 GEYTERKMKCAGIPREGVDTCQGSQGGPLMYQSDQMHVGVISWGCGGSPSTPGVYTKVS 421
Db 359 GEYTERKMKCAGIPREGVDTCQGSQGGPLMYQSDQMHVGVISWGCGGSPSTPGVYTKVS 418
Qy 422 AYLNMIYVWKAEL 435
Db 419 AYLNMIYVWKAEL 432
```

```
RESULT 164
US-10-063-551-112
; Sequence 112, Application US/10063551
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,551
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-551-112
```

```
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVLIKVLIDKXYFL 63
Qy 62 CGQPLHFIIPKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTIQVLD SATGW 121
Db 64 CGQPLHFIIPKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTIQVLD SATGW 123
Qy 122 FSACFDNFTEALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPG 181
Db 124 FSACFDNFTEALAEATACRQMGYS-----RAVEIGPDODLDVVEITENSQELMRNSSGPG 178
Qy 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 241
Db 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 238
Qy 242 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAIVAKIIIEFNPMYPKNDIALMKLQFPLTFS 301
Db 239 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAIVAKIIIEFNPMYPKNDIALMKLQFPLTFS 298
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Qy 302 GTVRPILCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVQVISTRCNADAYQ 361
Db 299 GTVRPILCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVQVISTRCNADAYQ 358
Qy 362 GEYTERKMKCAGIPREGVDTCQGSQGGPLMYQSDQMHVGVISWGCGGSPSTPGVYTKVS 421
Db 359 GEYTERKMKCAGIPREGVDTCQGSQGGPLMYQSDQMHVGVISWGCGGSPSTPGVYTKVS 418
Qy 422 AYLNMIYVWKAEL 435
Db 419 AYLNMIYVWKAEL 432
```

```
RESULT 165
US-10-063-553-112
; Sequence 112, Application US/10063553
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,553
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-553-112
```

```
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVLIKVLIDKXYFL 63
Qy 62 CGQPLHFIIPKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTIQVLD SATGW 121
Db 64 CGQPLHFIIPKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTIQVLD SATGW 123
Qy 122 FSACFDNFTEALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPG 181
Db 124 FSACFDNFTEALAEATACRQMGYS-----RAVEIGPDODLDVVEITENSQELMRNSSGPG 178
Qy 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 241
Db 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLT 238
Qy 242 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAIVAKIIIEFNPMYPKNDIALMKLQFPLTFS 301
Db 239 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAIVAKIIIEFNPMYPKNDIALMKLQFPLTFS 298
Qy 302 GTVRPILCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVQVISTRCNADAYQ 361
Db 299 GTVRPILCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVQVISTRCNADAYQ 358
Qy 362 GEYTERKMKCAGIPREGVDTCQGSQGGPLMYQSDQMHVGVISWGCGGSPSTPGVYTKVS 421
Db 359 GEYTERKMKCAGIPREGVDTCQGSQGGPLMYQSDQMHVGVISWGCGGSPSTPGVYTKVS 418
Qy 422 AYLNMIYVWKAEL 435
```

Db 419 AYLNMWVWKAEL 432

RESULT 166
US-10-063-554-112
; Sequence 112, Application US/10063554
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,554
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-554-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

Qy 2 DPDSQPLNSIDVPLKRPRIPIIPIIALLSLASIIIVVLLIKVILDKYYFL 61
Db 4 DPDSQPLNSIDVPLKRPRIPIIPIIALLSLASIIIVVLLIKVILDKYYFL 63
Qy 62 CGPLHPIPRKQDCGELDCPLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 121
Db 64 CGPLHPIPRKQDCGELDCPLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 123
Qy 122 FSACFDNTEALTAETACRQMGYSKPTFRAYEIGPDOLDVETITENSQELPMRNSGFC 181
Db 124 FSACFDNTEALTAETACRQMGYSKPTFRAYEIGPDOLDVETITENSQELPMRNSGFC 178
Qy 182 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMQVSIQYDKQVCGSILDPHMLTA 241
Db 179 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMQVSIQYDKQVCGSILDPHMLTA 238
Qy 242 AHCFKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCFKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy 302 GTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCNDADAYQ 361
Db 299 GTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCNDADAYQ 358
Qy 362 GEYERKMKACGIPREGVDTCQSDSGPLMYOSDOMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEYERKMKACGIPREGVDTCQSDSGPLMYOSDOMHVGVISWGYCGGSPSTPGVYTKVS 418
Qy 422 AYLNMWVWKAEL 435
Db 419 AYLNMWVWKAEL 432

RESULT 167
US-10-063-555-112
; Sequence 112, Application US/10063555
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen

APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,555
CURRENT FILING DATE: 2002-05-02
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-555-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

Qy 2 DPDSQPLNSIDVPLKRPRIPIIPIIALLSLASIIIVVLLIKVILDKYYFL 61
Db 4 DPDSQPLNSIDVPLKRPRIPIIPIIALLSLASIIIVVLLIKVILDKYYFL 63
Qy 62 CGPLHPIPRKQDCGELDCPLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 121
Db 64 CGPLHPIPRKQDCGELDCPLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 123
Qy 122 FSACFDNTEALTAETACRQMGYSKPTFRAYEIGPDOLDVETITENSQELPMRNSGFC 181
Db 124 FSACFDNTEALTAETACRQMGYSKPTFRAYEIGPDOLDVETITENSQELPMRNSGFC 178
Qy 182 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMQVSIQYDKQVCGSILDPHMLTA 241
Db 179 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMQVSIQYDKQVCGSILDPHMLTA 238
Qy 242 AHCFKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCFKHTDVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy 302 GTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCNDADAYQ 361
Db 299 GTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASQVVIDSTRCNDADAYQ 358
Qy 362 GEYERKMKACGIPREGVDTCQSDSGPLMYOSDOMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEYERKMKACGIPREGVDTCQSDSGPLMYOSDOMHVGVISWGYCGGSPSTPGVYTKVS 418
Qy 422 AYLNMWVWKAEL 435
Db 419 AYLNMWVWKAEL 432

RESULT 168
US-10-063-557-112
; Sequence 112, Application US/10063557
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1

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FILE REFERENCE: GNE.3230R1C39
CURRENT APPLICATION NUMBER: US/10/063,557
PRIOR FILING DATE: 2002-05-02
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US99/20111
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: US 60/169,495
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: US 60/170,262
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: US 60/175,481
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: PCT/US00/04341
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/US00/04342
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
Remaining Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-557-112
```

```
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
```

```
QY 2 DPDSQPLNSLDVYKLRKPRIPMETFRKVGIPITIALSLASIIIVVLIIVLIDKTYFL 61
DB 4 DPDSQPLNSLDVYKLRKPRIPMETFRKVGIPITIALSLASIIIVVLIIVLIDKTYFL 63
QY 62 CGQPLHFIPIKQLCGELDCPLGDEDEHCYKSPFEGPAVAARLSKDSITQVLDASAGNW 121
DB 64 CGQPLHFIPIKQLCGELDCPLGDEDEHCYKSPFEGPAVAARLSKDSITQVLDASAGNW 123
QY 122 FSACGDNTEALAEATACQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNSGSPC 181
DB 124 FSACGDNTEALAEATACQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNSGSPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCRKHTDVFNMTVRASGDKLSPSLAAVAKIIIEFNMYPRKNDIALMKLOPLTTS 301
DB 239 AHCRKHTDVFNMTVRASGDKLSPSLAAVAKIIIEFNMYPRKNDIALMKLOPLTTS 298
QY 302 GTVAPICLPFDEDELTPATPLMIIGMFTYKONGSKSDIILQASVOYIDSTRCNADAYQ 361
DB 299 GTVAPICLPFDEDELTPATPLMIIGMFTYKONGSKSDIILQASVOYIDSTRCNADAYQ 358
QY 362 GEVTERKMGAGIPBEGVDTCQGDGSGPLMTQSDQMHWGIVSGYCGGGSPFGVYTKYS 421
DB 359 GEVTERKMGAGIPBEGVDTCQGDGSGPLMTQSDQMHWGIVSGYCGGGSPFGVYTKYS 418
QY 422 AYINMTYINWKAL 435
DB 419 AYINMTYINWKAL 432
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RESULT 169
US-10-063-560-112
; Sequence 112, Application US/10063560
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
```

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APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,560
PRIOR FILING DATE: 2002-05-02
PRIOR APPLICATION NUMBER: 60/063435
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/064215
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088734
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PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088811
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PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088825
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088863
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090688
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091628
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/096012
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/096757
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/096949
PRIOR FILING DATE: 1998-08-18
PRIOR APPLICATION NUMBER: 60/096959
PRIOR FILING DATE: 1998-08-18
PRIOR APPLICATION NUMBER: 60/097954
PRIOR FILING DATE: 1998-08-26
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PRIOR APPLICATION NUMBER: 60/097971
 PRIOR FILING DATE: 1998-08-26
 PRIOR APPLICATION NUMBER: 60/097979
 PRIOR FILING DATE: 1998-08-26
 PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/099741
 PRIOR FILING DATE: 1998-09-10
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 PRIOR FILING DATE: 1998-09-10
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 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099812
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099815
 PRIOR FILING DATE: 1998-09-10
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 PRIOR FILING DATE: 1998-09-16
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 PRIOR FILING DATE: 1998-09-17
 PRIOR APPLICATION NUMBER: 60/100684
 PRIOR FILING DATE: 1998-09-17
 PRIOR APPLICATION NUMBER: 60/100930
 PRIOR FILING DATE: 1998-09-17
 PRIOR APPLICATION NUMBER: 60/101279
 PRIOR FILING DATE: 1998-09-22
 PRIOR APPLICATION NUMBER: 60/101475
 PRIOR FILING DATE: 1998-09-23
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 PRIOR FILING DATE: 1998-09-24
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 PRIOR FILING DATE: 1998-09-24
 PRIOR APPLICATION NUMBER: 60/101916
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 PRIOR FILING DATE: 1998-10-06
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 PRIOR FILING DATE: 1998-10-08
 PRIOR APPLICATION NUMBER: 60/103679
 PRIOR FILING DATE: 1998-10-08
 PRIOR APPLICATION NUMBER: 60/103711
 PRIOR FILING DATE: 1998-10-08
 PRIOR APPLICATION NUMBER: 60/105000
 PRIOR FILING DATE: 1998-10-20
 PRIOR APPLICATION NUMBER: 60/105002
 PRIOR FILING DATE: 1998-10-20
 PRIOR APPLICATION NUMBER: 60/105881
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106030
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106464
 PRIOR FILING DATE: 1998-10-30
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 PRIOR FILING DATE: 1998-11-03
 PRIOR APPLICATION NUMBER: 60/108807
 PRIOR FILING DATE: 1998-11-17
 PRIOR APPLICATION NUMBER: 60/112419
 PRIOR FILING DATE: 1998-12-15
 PRIOR APPLICATION NUMBER: 60/112422
 PRIOR FILING DATE: 1998-12-15
 PRIOR APPLICATION NUMBER: 60/112853
 PRIOR FILING DATE: 1998-12-16
 PRIOR APPLICATION NUMBER: 60/113011
 PRIOR FILING DATE: 1998-12-16
 PRIOR APPLICATION NUMBER: 60/112854
 PRIOR FILING DATE: 1998-12-16
 PRIOR APPLICATION NUMBER: 60/113300
 PRIOR FILING DATE: 1998-12-22
 PRIOR APPLICATION NUMBER: 60/113408

PRIOR FILING DATE: 1998-12-22
 PRIOR APPLICATION NUMBER: 60/113430
 PRIOR FILING DATE: 1998-12-23
 PRIOR APPLICATION NUMBER: 60/113621
 PRIOR FILING DATE: 1998-12-23
 PRIOR APPLICATION NUMBER: 60/114223
 PRIOR FILING DATE: 1998-12-30
 PRIOR APPLICATION NUMBER: 60/115614
 PRIOR FILING DATE: 1999-01-12
 PRIOR APPLICATION NUMBER: 60/116527
 PRIOR FILING DATE: 1999-01-20
 PRIOR APPLICATION NUMBER: 60/116843
 PRIOR FILING DATE: 1999-01-22
 PRIOR APPLICATION NUMBER: 60/119285
 PRIOR FILING DATE: 1999-02-09
 PRIOR APPLICATION NUMBER: 60/119287
 PRIOR FILING DATE: 1999-02-09
 PRIOR APPLICATION NUMBER: 60/119525
 PRIOR FILING DATE: 1999-02-10
 PRIOR APPLICATION NUMBER: 60/119549
 PRIOR FILING DATE: 1999-02-10
 PRIOR APPLICATION NUMBER: 60/120014
 PRIOR FILING DATE: 1999-02-11
 PRIOR APPLICATION NUMBER: 60/129122
 PRIOR FILING DATE: 1999-04-13
 PRIOR APPLICATION NUMBER: 60/129674
 PRIOR FILING DATE: 1999-04-16
 PRIOR APPLICATION NUMBER: 60/131291
 PRIOR FILING DATE: 1999-04-27
 PRIOR APPLICATION NUMBER: 60/136387
 PRIOR FILING DATE: 1999-06-09
 PRIOR APPLICATION NUMBER: 60/144791
 PRIOR FILING DATE: 1999-07-20
 PRIOR APPLICATION NUMBER: 60/169495
 PRIOR FILING DATE: 1999-12-07
 PRIOR APPLICATION NUMBER: 60/175481
 PRIOR FILING DATE: 2000-01-11
 PRIOR APPLICATION NUMBER: 60/191007
 PRIOR FILING DATE: 2000-03-21
 PRIOR APPLICATION NUMBER: 60/199397
 PRIOR FILING DATE: 2000-04-25
 PRIOR APPLICATION NUMBER: 09/380139
 PRIOR FILING DATE: 1998-08-25
 PRIOR APPLICATION NUMBER: 09/311832
 PRIOR FILING DATE: 1999-05-14
 PRIOR APPLICATION NUMBER: 09/380137
 PRIOR FILING DATE: 1999-08-25
 PRIOR APPLICATION NUMBER: 09/380138
 PRIOR FILING DATE: 1999-08-25
 PRIOR APPLICATION NUMBER: 09/380142
 PRIOR FILING DATE: 1999-08-25

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKLRPRIPMEFRKVGIPITIALSLASTIIVWLKIVLIDKYYFL 61
 DB 4 DPDSQPLNSLDVYKLRPRIPMEFRKVGIPITIALSLASTIIVWLKIVLIDKYYFL 63
 QY 62 CGOPLHFIIPKOLCGEIDCP/GEDEBHCVSFPFGPAVAVALSKDRSTLQVLDSATGNW 121
 DB 64 CGOPLHFIIPKOLCGEIDCP/GEDEBHCVSFPFGPAVAVALSKDRSTLQVLDSATGNW 123
 QY 122 FSACPDNFTALAFTRACRQMGYSKPTFAVEIGPDOLDVVEITENSQELMRNSSGFC 181
 DB 124 FSACPDNFTALAFTRACRQMGYSKPTFAVEIGPDOLDVVEITENSQELMRNSSGFC 178
 QY 182 LSGSLVSLHCLACGSLKTPRVVGESEASVSWPQVSIQYDKQHVCGSILDPHMYTLA 241
 DB 179 LSGSLVSLHCLACGSLKTPRVVGESEASVSWPQVSIQYDKQHVCGSILDPHMYTLA 238
 QY 242 AHCFKHTDVFNMKVRAGSDKLGSPSLAVAKIIIEBNPMYKXNDIALMKLQEPPLTFS 301


```

Db      239  AHCPRKHTDVFNWVKRASDLGSPSLAVAKIIITFEFNPYPKNDIALMKLOFPLTFS 298
Qy      302  GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
Db      299  GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
Qy      362  GEVTERKMCAGIPBEGVDTCQDGSGLPLMYOSDOMHVIGIVSMGYGCGSPSTPGVYTVS 421
Db      359  GEVTERKMCAGIPBEGVDTCQDGSGLPLMYOSDOMHVIGIVSMGYGCGSPSTPGVYTVS 418
Qy      422  AYLNWYINWKAEL 435
Db      419  AYLNWYINWKAEL 432

```

```

RESULT 170
US-10-063-561-112
; Sequence 112, Application US/10063561
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,561
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-561-112

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy      2  DDDSDQPLNSLDVFKLRPRIPMETFRKVGIPITIIALISLIIIVVLLKVIIDKYYFL 61
Db      4  DDDSDQPLNSLDVFKLRPRIPMETFRKVGIPITIIALISLIIIVVLLKVIIDKYYFL 63
Qy      62  CGQPLHFIPIRQKQDCELDCEPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVIDSATGNW 121
Db      64  CGQPLHFIPIRQKQDCELDCEPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVIDSATGNW 123
Qy      122  PSACFDNTEALATACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMRNSSGPC 181
Db      124  PSACFDNTEALATACRQMGYS-----RAVEIGPDQDLVVEITENSQELRMRNSSGPC 178
Qy      182  LSGSLVSLHCLACCKSLKTRPVVGGEBASVDSMPWQVSIOYDKQHYCGGSIIIDPHWVLT 241
Db      179  LSGSLVSLHCLACCKSLKTRPVVGGEBASVDSMPWQVSIOYDKQHYCGGSIIIDPHWVLT 238
Qy      242  AHCRRKHTDVFNWVKRASDKLSPSLAVAKIIITFEFNPMPKNDIALMKLOFPLTFS 301
Db      239  AHCRRKHTDVFNWVKRASDKLSPSLAVAKIIITFEFNPMPKNDIALMKLOFPLTFS 298
Qy      302  GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
Db      299  GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
Qy      362  GEVTERKMCAGIPBEGVDTCQDGSGLPLMYOSDOMHVIGIVSMGYGCGSPSTPGVYTVS 421
Db      359  GEVTERKMCAGIPBEGVDTCQDGSGLPLMYOSDOMHVIGIVSMGYGCGSPSTPGVYTVS 418

```

```

Qy      422  AYLNWYINWKAEL 435
Db      419  AYLNWYINWKAEL 432

```

```

RESULT 171
US-10-063-562-112
; Sequence 112, Application US/10063562
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,562
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-562-112

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy      2  DDDSDQPLNSLDVFKLRPRIPMETFRKVGIPITIIALISLIIIVVLLKVIIDKYYFL 61
Db      4  DDDSDQPLNSLDVFKLRPRIPMETFRKVGIPITIIALISLIIIVVLLKVIIDKYYFL 63
Qy      62  CGQPLHFIPIRQKQDCELDCEPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVIDSATGNW 121
Db      64  CGQPLHFIPIRQKQDCELDCEPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVIDSATGNW 123
Qy      122  PSACFDNTEALATACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMRNSSGPC 181
Db      124  PSACFDNTEALATACRQMGYS-----RAVEIGPDQDLVVEITENSQELRMRNSSGPC 178
Qy      182  LSGSLVSLHCLACCKSLKTRPVVGGEBASVDSMPWQVSIOYDKQHYCGGSIIIDPHWVLT 241
Db      179  LSGSLVSLHCLACCKSLKTRPVVGGEBASVDSMPWQVSIOYDKQHYCGGSIIIDPHWVLT 238
Qy      242  AHCRRKHTDVFNWVKRASDKLSPSLAVAKIIITFEFNPMPKNDIALMKLOFPLTFS 301
Db      239  AHCRRKHTDVFNWVKRASDKLSPSLAVAKIIITFEFNPMPKNDIALMKLOFPLTFS 298
Qy      302  GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
Db      299  GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
Qy      362  GEVTERKMCAGIPBEGVDTCQDGSGLPLMYOSDOMHVIGIVSMGYGCGSPSTPGVYTVS 421
Db      359  GEVTERKMCAGIPBEGVDTCQDGSGLPLMYOSDOMHVIGIVSMGYGCGSPSTPGVYTVS 418
Qy      422  AYLNWYINWKAEL 435
Db      419  AYLNWYINWKAEL 432

```

```

RESULT 172
US-10-063-563-112
; Sequence 112, Application US/10063563
; GENERAL INFORMATION:

```

```

; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltsean, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gutney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,563
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-563-112

Query Match          98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKIVLDKYYFL 61
DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKIVLDKYYFL 63
QY 62 CGOPLHFIIPRQKLCDELDCEPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
DB 64 CGOPLHFIIPRQKLCDELDCEPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123
QY 122 PSACPDNTTEALAEFACQMGYSKPTFRAYEIGDPDLDVVEITENSGELMRNMSGPC 181
DB 124 PSACPDNTTEALAEFACQMGYSKPTFRAYEIGDPDLDVVEITENSGELMRNMSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPQVSIQYDKQVCGSILDPHMLVLA 241
DB 179 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPQVSIQYDKQVCGSILDPHMLVLA 238
QY 242 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLQPLTFPS 301
DB 239 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLQPLTFPS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTEKMMCAGIPREGGVDTCCGDSGGLMYOSDQMHVGVIVSWGVCGGSPSTPGYTTKVS 421
DB 359 GEVTEKMMCAGIPREGGVDTCCGDSGGLMYOSDQMHVGVIVSWGVCGGSPSTPGYTTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 173
US-10-063-564-112
; Sequence 112, Application US/10063564
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltsean, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gutney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
```

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; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,564
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-564-112

Query Match          98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKIVLDKYYFL 61
DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKIVLDKYYFL 63
QY 62 CGOPLHFIIPRQKLCDELDCEPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 121
DB 64 CGOPLHFIIPRQKLCDELDCEPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDSATGNW 123
QY 122 PSACPDNTTEALAEFACQMGYSKPTFRAYEIGDPDLDVVEITENSGELMRNMSGPC 181
DB 124 PSACPDNTTEALAEFACQMGYSKPTFRAYEIGDPDLDVVEITENSGELMRNMSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPQVSIQYDKQVCGSILDPHMLVLA 241
DB 179 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPQVSIQYDKQVCGSILDPHMLVLA 238
QY 242 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLQPLTFPS 301
DB 239 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLQPLTFPS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTEKMMCAGIPREGGVDTCCGDSGGLMYOSDQMHVGVIVSWGVCGGSPSTPGYTTKVS 421
DB 359 GEVTEKMMCAGIPREGGVDTCCGDSGGLMYOSDQMHVGVIVSWGVCGGSPSTPGYTTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 174
US-10-063-565-112
; Sequence 112, Application US/10063565
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltsean, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gutney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,565
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
```

US-10-063-565-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVYKPLRKPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 61
DB 4 DPDSDDPLNSLDVYKPLRKPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 63
QY 62 CGQPLHFIIPRKQICDGLDCLPGDEBEHCYKSPFEGPAVAVRLSKDSTLQVLD SATGNW 121
DB 64 CGQPLHFIIPRKQICDGLDCLPGDEBEHCYKSPFEGPAVAVRLSKDSTLQVLD SATGNW 123
QY 122 FSACFNFTEALAEFTACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPGC 181
DB 124 FSACFNFTEALAEFTACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPGC 178
QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEEASVDSWPMQVSIQYDKQHVCGSIIIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKSLKTRPVVGGEEASVDSWPMQVSIQYDKQHVCGSIIIDPHWVLT 238
QY 242 AHCFRKHDTVFNWVRASGDKLGSFSLAVAKIIIEFNMYPKNDIALMKLOPLTFS 301
DB 239 AHCFRKHDTVFNWVRASGDKLGSFSLAVAKIIIEFNMYPKNDIALMKLOPLTFS 298
QY 302 GTVAPICLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
DB 299 GTVAPICLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
QY 362 GEVTERKMCAGIPBEGVDTCQSDSGPLMYQSDQMHVGVISWYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPBEGVDTCQSDSGPLMYQSDQMHVGVISWYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 175

US-10-063-566-112
Sequence 112, Application US/10063566
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltisen, Mary E.
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,566
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-566-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVYKPLRKPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 61
DB 4 DPDSDDPLNSLDVYKPLRKPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 63

QY 62 CGQPLHFIIPRKQICDGLDCLPGDEBEHCYKSPFEGPAVAVRLSKDSTLQVLD SATGNW 121
DB 64 CGQPLHFIIPRKQICDGLDCLPGDEBEHCYKSPFEGPAVAVRLSKDSTLQVLD SATGNW 123
QY 122 FSACFNFTEALAEFTACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPGC 181
DB 124 FSACFNFTEALAEFTACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPGC 178
QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEEASVDSWPMQVSIQYDKQHVCGSIIIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKSLKTRPVVGGEEASVDSWPMQVSIQYDKQHVCGSIIIDPHWVLT 238
QY 242 AHCFRKHDTVFNWVRASGDKLGSFSLAVAKIIIEFNMYPKNDIALMKLOPLTFS 301
DB 239 AHCFRKHDTVFNWVRASGDKLGSFSLAVAKIIIEFNMYPKNDIALMKLOPLTFS 298
QY 302 GTVAPICLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
DB 299 GTVAPICLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
QY 362 GEVTERKMCAGIPBEGVDTCQSDSGPLMYQSDQMHVGVISWYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPBEGVDTCQSDSGPLMYQSDQMHVGVISWYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 176

US-10-063-567-112
Sequence 112, Application US/10063567
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltisen, Mary E.
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,567
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-567-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVYKPLRKPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 61
DB 4 DPDSDDPLNSLDVYKPLRKPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 63
QY 62 CGQPLHFIIPRKQICDGLDCLPGDEBEHCYKSPFEGPAVAVRLSKDSTLQVLD SATGNW 121
DB 64 CGQPLHFIIPRKQICDGLDCLPGDEBEHCYKSPFEGPAVAVRLSKDSTLQVLD SATGNW 123
QY 122 FSACFNFTEALAEFTACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPGC 181
DB 124 FSACFNFTEALAEFTACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPGC 178
QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEEASVDSWPMQVSIQYDKQHVCGSIIIDPHWVLT 241

Db 179 LSGSLVSIHCLACGKSLKTRPVVVGEEASVDSWPQVSIQYDKQHVCGGSIIDPHWVLT 238
QY 242 AHCFRKHITDVFNKMKVRASGDKLGSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHITDVFNKMKVRASGDKLGSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTRVPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCNADAYQ 361
Db 299 GTRVPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCNADAYQ 358
QY 362 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYNVWKAEI 435
Db 419 AYLNMIYNVWKAEI 432

RESULT 177
US-10-063-568-112
Sequence 112, Application US/10063568
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P323OR1C1
CURRENT APPLICATION NUMBER: US/10/063,568
CURRENT FILING DATE: 2002-05-02
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-568-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDQLNSLDVPRKRPRIIPMETFRKVGIPITIALISLIIIVVVLKVIIDKXYFL 61
Db 4 DPDSDDQLNSLDVPRKRPRIIPMETFRKVGIPITIALISLIIIVVVLKVIIDKXYFL 63
QY 62 CGOPLHPIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAARLSKDNSTLQVLSATGNW 121
Db 64 CGOPLHPIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAARLSKDNSTLQVLSATGNW 123
QY 122 FSACFDNFTTEALATACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMNNSGPC 181
Db 124 FSACFDNFTTEALATACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMNNSGPC 178
QY 182 LSGSLVSIHCLACGKSLKTRPVVVGEEASVDSWPQVSIQYDKQHVCGGSIIDPHWVLT 241
Db 179 LSGSLVSIHCLACGKSLKTRPVVVGEEASVDSWPQVSIQYDKQHVCGGSIIDPHWVLT 238
QY 242 AHCFRKHITDVFNKMKVRASGDKLGSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHITDVFNKMKVRASGDKLGSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTRVPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCNADAYQ 361
Db 299 GTRVPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCNADAYQ 358

QY 362 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYNVWKAEI 435
Db 419 AYLNMIYNVWKAEI 432

RESULT 178
US-10-063-569-112
Sequence 112, Application US/10063569
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P323OR1C1
CURRENT APPLICATION NUMBER: US/10/063,569
CURRENT FILING DATE: 2002-05-02
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-569-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDQLNSLDVPRKRPRIIPMETFRKVGIPITIALISLIIIVVVLKVIIDKXYFL 61
Db 4 DPDSDDQLNSLDVPRKRPRIIPMETFRKVGIPITIALISLIIIVVVLKVIIDKXYFL 63
QY 62 CGOPLHPIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAARLSKDNSTLQVLSATGNW 121
Db 64 CGOPLHPIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAARLSKDNSTLQVLSATGNW 123
QY 122 FSACFDNFTTEALATACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMNNSGPC 181
Db 124 FSACFDNFTTEALATACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRMNNSGPC 178
QY 182 LSGSLVSIHCLACGKSLKTRPVVVGEEASVDSWPQVSIQYDKQHVCGGSIIDPHWVLT 241
Db 179 LSGSLVSIHCLACGKSLKTRPVVVGEEASVDSWPQVSIQYDKQHVCGGSIIDPHWVLT 238
QY 242 AHCFRKHITDVFNKMKVRASGDKLGSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHITDVFNKMKVRASGDKLGSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTRVPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCNADAYQ 361
Db 299 GTRVPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCNADAYQ 358
QY 362 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYNVWKAEI 435
Db 419 AYLNMIYNVWKAEI 432

RESULT 179

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US-10-063-570-112
; Sequence 112, Application US/10063570
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT FILING DATE: 2002-05-02
; CURRENT APPLICATION NUMBER: US/10/063,570
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-570-112

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DSDSDPLNSLDVKKPKRPRIPMETPRKVGIPITIALSLASITIVVLIKVIIDKXYFL 61
DB 4 DSDSDPLNSLDVKKPKRPRIPMETPRKVGIPITIALSLASITIVVLIKVIIDKXYFL 63
QY 62 CGQPLHFIPIRKQICDGLDCCPLGDEDEHCVKSPFPGPAVAVALSKDRSTLQVLDSATGNW 121
DB 64 CGQPLHFIPIRKQICDGLDCCPLGDEDEHCVKSPFPGPAVAVALSKDRSTLQVLDSATGNW 123
QY 122 FSACPDNFTLEALFAETACROMGYSKPTPRAVEIGDQDLVVEITENSQELRMNNSGPGC 181
DB 124 FSACPDNFTLEALFAETACROMGYSKPTPRAVEIGDQDLVVEITENSQELRMNNSGPGC 178
QY 182 LSGSLVSLHCLACGSKLTPTPRVVGEEASVDSWPQVSIQYDKQHCVCSSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPTPRVVGEEASVDSWPQVSIQYDKQHCVCSSILDPHWLTA 238
QY 242 AHCFRKHDTVENMKVRASDGLGSPSLAVAKIITIEFNPMYPRKNDIALMKLQFPLTFS 301
DB 239 AHCFRKHDTVENMKVRASDGLGSPSLAVAKIITIEFNPMYPRKNDIALMKLQFPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEVTERKMCAGIPREGVDTCQSDSGGPLMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPREGVDTCQSDSGGPLMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 418
QY 422 AYLMNIYVWMAEL 435
DB 419 AYLMNIYVWMAEL 432

```

```

RESULT 180
US-10-063-577-112
; Sequence 112, Application US/10063577
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.

```

```

; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,577
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-577-112

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DSDSDPLNSLDVKKPKRPRIPMETPRKVGIPITIALSLASITIVVLIKVIIDKXYFL 61
DB 4 DSDSDPLNSLDVKKPKRPRIPMETPRKVGIPITIALSLASITIVVLIKVIIDKXYFL 63
QY 62 CGQPLHFIPIRKQICDGLDCCPLGDEDEHCVKSPFPGPAVAVALSKDRSTLQVLDSATGNW 121
DB 64 CGQPLHFIPIRKQICDGLDCCPLGDEDEHCVKSPFPGPAVAVALSKDRSTLQVLDSATGNW 123
QY 122 FSACPDNFTLEALFAETACROMGYSKPTPRAVEIGDQDLVVEITENSQELRMNNSGPGC 181
DB 124 FSACPDNFTLEALFAETACROMGYSKPTPRAVEIGDQDLVVEITENSQELRMNNSGPGC 178
QY 182 LSGSLVSLHCLACGSKLTPTPRVVGEEASVDSWPQVSIQYDKQHCVCSSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPTPRVVGEEASVDSWPQVSIQYDKQHCVCSSILDPHWLTA 238
QY 242 AHCFRKHDTVENMKVRASDGLGSPSLAVAKIITIEFNPMYPRKNDIALMKLQFPLTFS 301
DB 239 AHCFRKHDTVENMKVRASDGLGSPSLAVAKIITIEFNPMYPRKNDIALMKLQFPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEVTERKMCAGIPREGVDTCQSDSGGPLMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPREGVDTCQSDSGGPLMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 418
QY 422 AYLMNIYVWMAEL 435
DB 419 AYLMNIYVWMAEL 432

```

```

RESULT 181
US-10-063-578-112
; Sequence 112, Application US/10063578
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,578
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112

```

```

; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,578
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112

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LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-578-142

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Query 2 DPDSQPLNSLDVFKRPRIPMETFRKVGIPILIALSLASIIIVVLLIKVILDKYFL 61
Db 4 DPDSQPLNSLDVFKRPRIPMETFRKVGIPILIALSLASIIIVVLLIKVILDKYFL 63
QY 62 CGQPLHFI PRKOLCDGLDPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVDSATGNW 121
Db 64 CGQPLHFI PRKOLCDGLDPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVDSATGNW 123
QY 122 FSACFDNFTBALAETACRQMGYSKPTFAVEIGPDDDLVVEITENSQELRMNNSGPC 181
Db 124 FSACFDNFTBALAETACRQMGYSKPTFAVEIGPDDDLVVEITENSQELRMNNSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKHVCSSILDPHWVLT 241
Db 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKHVCSSILDPHWVLT 238
QY 242 AHCFRKHTEVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHTEVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCANADAYQ 361
Db 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCANADAYQ 358
QY 362 GEYTERKMCAGIPRGGVDTCCGDSGGLPMYQSDQMHVGVISWGXGCGSPSTPGVYTKVS 421
Db 359 GEYTERKMCAGIPRGGVDTCCGDSGGLPMYQSDQMHVGVISWGXGCGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
Db 419 AYLNMIYVWKAEL 432

RESULT 182
US-10-063-579-112
Sequence 112, Application US/10063579
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT FILING DATE: 2002-05-03
PRIORITY FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-579-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Query 2 DPDSQPLNSLDVFKRPRIPMETFRKVGIPILIALSLASIIIVVLLIKVILDKYFL 61

Db 4 DPDSQPLNSLDVFKRPRIPMETFRKVGIPILIALSLASIIIVVLLIKVILDKYFL 63
QY 62 CGQPLHFI PRKOLCDGLDPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVDSATGNW 121
Db 64 CGQPLHFI PRKOLCDGLDPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVDSATGNW 123
QY 122 FSACFDNFTBALAETACRQMGYSKPTFAVEIGPDDDLVVEITENSQELRMNNSGPC 181
Db 124 FSACFDNFTBALAETACRQMGYSKPTFAVEIGPDDDLVVEITENSQELRMNNSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKHVCSSILDPHWVLT 241
Db 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKHVCSSILDPHWVLT 238
QY 242 AHCFRKHTEVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHTEVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCANADAYQ 361
Db 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVIDSTRCANADAYQ 358
QY 362 GEYTERKMCAGIPRGGVDTCCGDSGGLPMYQSDQMHVGVISWGXGCGSPSTPGVYTKVS 421
Db 359 GEYTERKMCAGIPRGGVDTCCGDSGGLPMYQSDQMHVGVISWGXGCGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
Db 419 AYLNMIYVWKAEL 432

RESULT 183
US-10-063-580-112
Sequence 112, Application US/10063580
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT FILING DATE: 2002-05-03
PRIORITY FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112

LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-063-580-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY 2 DPDSDFPLNSLDVPLKRPRIPIIIMETFRKVGIPITIALSLASIIIVVLIKYLDKYYFL 61
DB 4 DPDSDFPLNSLDVPLKRPRIPIIIMETFRKVGIPITIALSLASIIIVVLIKYLDKYYFL 63
QY 62 CGPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAAVAVRLSKDRSTLYVLDATGNW 121
DB 64 CGPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAAVAVRLSKDRSTLYVLDATGNW 123
QY 122 FSACFDFNTALAEIACRQMGYSKPTFRAVEIGPDODLDVVEITENSGELMRNNSGPGC 181
DB 124 FSACFDFNTALAEIACRQMGYS-----RAVEIGPDODLDVVEITENSGELMRNNSGPGC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGSBEASVDSMPQVSIQYDKQHCYGSIIIDPHVWLTA 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGSBEASVDSMPQVSIQYDKQHCYGSIIIDPHVWLTA 238
QY 242 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKIIIEFPNMPKONDIALMKLOPILTFPS 301
DB 239 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKIIIEFPNMPKONDIALMKLOPILTFPS 298
QY 302 GTVRPCLPFDDELTPATPLMIIGWFTKONGKMSDILLQASVQVLDSTRCNADAYQ 361
DB 299 GTVRPCLPFDDELTPATPLMIIGWFTKONGKMSDILLQASVQVLDSTRCNADAYQ 358
QY 362 GEVTERKMCAGIPREGVDTCQDSDGGLMYQSDQMHVVGIVSWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPREGVDTCQDSDGGLMYQSDQMHVVGIVSWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

```

RESULT 184
 US-10-063-581-112
 Sequence 112, Application US/10063581
 GENERAL INFORMATION:
 APPLICANT: Eaton, Dan L.
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gunney, Austin L.
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3230R1C1
 CURRENT APPLICATION NUMBER: US/10/063,581
 PRIOR APPLICATION DATE: 2002-05-03
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO 112
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-063-581-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
 QY 2 DPDSDFPLNSLDVPLKRPRIPIIIMETFRKVGIPITIALSLASIIIVVLIKYLDKYYFL 61

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DB 4 DPDSDFPLNSLDVPLKRPRIPIIIMETFRKVGIPITIALSLASIIIVVLIKYLDKYYFL 63
QY 62 CGPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAAVAVRLSKDRSTLYVLDATGNW 121
DB 64 CGPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAAVAVRLSKDRSTLYVLDATGNW 123
QY 122 FSACFDFNTALAEIACRQMGYSKPTFRAVEIGPDODLDVVEITENSGELMRNNSGPGC 181
DB 124 FSACFDFNTALAEIACRQMGYS-----RAVEIGPDODLDVVEITENSGELMRNNSGPGC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGSBEASVDSMPQVSIQYDKQHCYGSIIIDPHVWLTA 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGSBEASVDSMPQVSIQYDKQHCYGSIIIDPHVWLTA 238
QY 242 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKIIIEFPNMPKONDIALMKLOPILTFPS 301
DB 239 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKIIIEFPNMPKONDIALMKLOPILTFPS 298
QY 302 GTVRPCLPFDDELTPATPLMIIGWFTKONGKMSDILLQASVQVLDSTRCNADAYQ 361
DB 299 GTVRPCLPFDDELTPATPLMIIGWFTKONGKMSDILLQASVQVLDSTRCNADAYQ 358
QY 362 GEVTERKMCAGIPREGVDTCQDSDGGLMYQSDQMHVVGIVSWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPREGVDTCQDSDGGLMYQSDQMHVVGIVSWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

```

RESULT 185
 US-10-063-582-112
 Sequence 112, Application US/10063582
 GENERAL INFORMATION:
 APPLICANT: Eaton, Dan L.
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gunney, Austin L.
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3230R1C1
 CURRENT APPLICATION NUMBER: US/10/063,582
 PRIOR APPLICATION DATE: 2002-05-03
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO 112
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-063-582-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY 2 DPDSDFPLNSLDVPLKRPRIPIIIMETFRKVGIPITIALSLASIIIVVLIKYLDKYYFL 61
DB 4 DPDSDFPLNSLDVPLKRPRIPIIIMETFRKVGIPITIALSLASIIIVVLIKYLDKYYFL 63
QY 62 CGPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAAVAVRLSKDRSTLYVLDATGNW 121
DB 64 CGPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAAVAVRLSKDRSTLYVLDATGNW 123
QY 122 FSACFDFNTALAEIACRQMGYSKPTFRAVEIGPDODLDVVEITENSGELMRNNSGPGC 181
DB 124 FSACFDFNTALAEIACRQMGYS-----RAVEIGPDODLDVVEITENSGELMRNNSGPGC 178

```

QY 182 LSGSLVSLHCLACGSLKTRPVVGEERASVDSMPQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSLKTRPVVGEERASVDSMPQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVNMVKVRAAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVNMVKVRAAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVYIDSTRCNADDAVQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVYIDSTRCNADDAVQ 358
QY 362 GEVTERKMMACAGIPBEGVDTCQDSSGGLMYOSDOMHVVGIVSWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMMACAGIPBEGVDTCQDSSGGLMYOSDOMHVVGIVSWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 186

US-10-063-583-112
Sequence 112, Application US/10063583
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,583
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-583-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
QY 2 DPDSQPLNSLDVPLKRPRIPIIIPMETFRKVGIIPIIALISLASIIIVVLIKYILDKYYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIPIIIPMETFRKVGIIPIIALISLASIIIVVLIKYILDKYYFL 63
QY 62 CGOPLHFIIPKQOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGOPLHFIIPKQOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 PSACPDNTEALAEACRQMGYSKPTPAVEIGPDODLVEITENSQELRMRSSGPC 181
DB 124 PSACPDNTEALAEACRQMGYSKPTPAVEIGPDODLVEITENSQELRMRSSGPC 178
QY 182 LSGSLVSLHCLACGSLKTRPVVGEERASVDSMPQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSLKTRPVVGEERASVDSMPQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVNMVKVRAAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVNMVKVRAAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVYIDSTRCNADDAVQ 361

DB 299 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVYIDSTRCNADDAVQ 358
QY 362 GEVTERKMMACAGIPBEGVDTCQDSSGGLMYOSDOMHVVGIVSWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMMACAGIPBEGVDTCQDSSGGLMYOSDOMHVVGIVSWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 187

US-10-063-584-112
Sequence 112, Application US/10063584
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,584
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-584-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
QY 2 DPDSQPLNSLDVPLKRPRIPIIIPMETFRKVGIIPIIALISLASIIIVVLIKYILDKYYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIPIIIPMETFRKVGIIPIIALISLASIIIVVLIKYILDKYYFL 63
QY 62 CGOPLHFIIPKQOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGOPLHFIIPKQOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 PSACPDNTEALAEACRQMGYSKPTPAVEIGPDODLVEITENSQELRMRSSGPC 181
DB 124 PSACPDNTEALAEACRQMGYSKPTPAVEIGPDODLVEITENSQELRMRSSGPC 178
QY 182 LSGSLVSLHCLACGSLKTRPVVGEERASVDSMPQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSLKTRPVVGEERASVDSMPQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVNMVKVRAAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVNMVKVRAAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVYIDSTRCNADDAVQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVYIDSTRCNADDAVQ 358
QY 362 GEVTERKMMACAGIPBEGVDTCQDSSGGLMYOSDOMHVVGIVSWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMMACAGIPBEGVDTCQDSSGGLMYOSDOMHVVGIVSWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 189
US-10-063-585-112
; Sequence 112, Application US/10063585
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filaroff, Ellen
; APPLICANT: Gettisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT FILING DATE: 2002-05-03
; CURRENT APPLICATION NUMBER: US/10/063,585
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-585-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVCKPLKRPRIEMETFRKVGIPITIALSLASITIVVVLKIVLIDKXYFL 61
DB 4 DPDSQPLNSLDVCKPLKRPRIEMETFRKVGIPITIALSLASITIVVVLKIVLIDKXYFL 63
QY 62 CGQPLHFIIRKQDCGELDCPLGDEDEHCYKSPFGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFIIRKQDCGELDCPLGDEDEHCYKSPFGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACDNTFEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMENSSGPC 181
DB 124 FSACDNTFEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMENSSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVYGGEEASVDSWPMQVSIQDKQHVCGGSLDHPHWLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVYGGEEASVDSWPMQVSIQDKQHVCGGSLDHPHWLTA 238
QY 242 AHCFRKHDTVNMKVRASDGLSGFSLAVAKIIIFENPMYPRNDIALMKLQFPLTFS 301
DB 239 AHCFRKHDTVNMKVRASDGLSGFSLAVAKIIIFENPMYPRNDIALMKLQFPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEVTEKMMKAGIPBGVDTCQDSCGGLPMTQSDQMHVGVISWGYCGGSPSTPGVTTKVS 421
DB 359 GEVTEKMMKAGIPBGVDTCQDSCGGLPMTQSDQMHVGVISWGYCGGSPSTPGVTTKVS 418
QY 422 AYLMWYVWMAEL 435
DB 419 AYLMWYVWMAEL 432

RESULT 189
US-10-063-586-112
; Sequence 112, Application US/10063586
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filaroff, Ellen
; APPLICANT: Gettisen, Mary E.
; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,586
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-586-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVCKPLKRPRIEMETFRKVGIPITIALSLASITIVVVLKIVLIDKXYFL 61
DB 4 DPDSQPLNSLDVCKPLKRPRIEMETFRKVGIPITIALSLASITIVVVLKIVLIDKXYFL 63
QY 62 CGQPLHFIIRKQDCGELDCPLGDEDEHCYKSPFGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFIIRKQDCGELDCPLGDEDEHCYKSPFGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACDNTFEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMENSSGPC 181
DB 124 FSACDNTFEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMENSSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVYGGEEASVDSWPMQVSIQDKQHVCGGSLDHPHWLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVYGGEEASVDSWPMQVSIQDKQHVCGGSLDHPHWLTA 238
QY 242 AHCFRKHDTVNMKVRASDGLSGFSLAVAKIIIFENPMYPRNDIALMKLQFPLTFS 301
DB 239 AHCFRKHDTVNMKVRASDGLSGFSLAVAKIIIFENPMYPRNDIALMKLQFPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEVTEKMMKAGIPBGVDTCQDSCGGLPMTQSDQMHVGVISWGYCGGSPSTPGVTTKVS 421
DB 359 GEVTEKMMKAGIPBGVDTCQDSCGGLPMTQSDQMHVGVISWGYCGGSPSTPGVTTKVS 418
QY 422 AYLMWYVWMAEL 435
DB 419 AYLMWYVWMAEL 432

RESULT 190
US-10-063-587-112
; Sequence 112, Application US/10063587
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filaroff, Ellen
; APPLICANT: Gettisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,587
; CURRENT FILING DATE: 2002-05-03

Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 112
 ; LENGTH: 432
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-063-587-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
 DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
 QY 62 CGPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLSATGNW 121
 DB 64 CGPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLSATGNW 123
 QY 122 FSACFDNFTALAEACRQWYSKPTFRAVEIGPDODLVEITENSQELRMNSGPGC 181
 DB 124 FSACFDNFTALAEACRQWYSKPTFRAVEIGPDODLVEITENSQELRMNSGPGC 178
 QY 182 LSGSLVSLHCLACGSKLKTFRVVGGERASVDSWPMQVSIQDKQHVCGSILDPHWLTA 241
 DB 179 LSGSLVSLHCLACGSKLKTFRVVGGERASVDSWPMQVSIQDKQHVCGSILDPHWLTA 238
 QY 242 AHCFRKTVDVFNKVRASDGLSPSLAVAKIIIEFNMYPRDNDIALMKLOPPLTFS 301
 DB 239 AHCFRKTVDVFNKVRASDGLSPSLAVAKIIIEFNMYPRDNDIALMKLOPPLTFS 298
 QY 302 GVARPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCANADAYQ 361
 DB 299 GVARPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCANADAYQ 358
 QY 362 GEYTERKMCAGIPFGVDTCQDSGGLPMYOSDOMHVGVISWVGCGGSPSTPGVYTKVS 421
 DB 359 GEYTERKMCAGIPFGVDTCQDSGGLPMYOSDOMHVGVISWVGCGGSPSTPGVYTKVS 418
 QY 422 AYLMNIYVWKAEI 435
 DB 419 AYLMNIYVWKAEI 432

RESULT 191

US-10-063-588-112
 ; Sequence 112, Application US/10063588
 ; GENERAL INFORMATION:

; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P323ORIC1
 ; CURRENT APPLICATION NUMBER: US/10/063,588
 ; CURRENT FILING DATE: 2002-05-03
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 112
 ; LENGTH: 432
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-063-588-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
 DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
 QY 62 CGPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLSATGNW 121
 DB 64 CGPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLSATGNW 123
 QY 122 FSACFDNFTALAEACRQWYSKPTFRAVEIGPDODLVEITENSQELRMNSGPGC 181
 DB 124 FSACFDNFTALAEACRQWYSKPTFRAVEIGPDODLVEITENSQELRMNSGPGC 178
 QY 182 LSGSLVSLHCLACGSKLKTFRVVGGERASVDSWPMQVSIQDKQHVCGSILDPHWLTA 241
 DB 179 LSGSLVSLHCLACGSKLKTFRVVGGERASVDSWPMQVSIQDKQHVCGSILDPHWLTA 238
 QY 242 AHCFRKTVDVFNKVRASDGLSPSLAVAKIIIEFNMYPRDNDIALMKLOPPLTFS 301
 DB 239 AHCFRKTVDVFNKVRASDGLSPSLAVAKIIIEFNMYPRDNDIALMKLOPPLTFS 298
 QY 302 GVARPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCANADAYQ 361
 DB 299 GVARPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCANADAYQ 358
 QY 362 GEYTERKMCAGIPFGVDTCQDSGGLPMYOSDOMHVGVISWVGCGGSPSTPGVYTKVS 421
 DB 359 GEYTERKMCAGIPFGVDTCQDSGGLPMYOSDOMHVGVISWVGCGGSPSTPGVYTKVS 418
 QY 422 AYLMNIYVWKAEI 435
 DB 419 AYLMNIYVWKAEI 432

RESULT 192

US-10-063-589-112
 ; Sequence 112, Application US/10063589
 ; GENERAL INFORMATION:

; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P323ORIC1
 ; CURRENT APPLICATION NUMBER: US/10/063,589
 ; CURRENT FILING DATE: 2002-05-03
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 112
 ; LENGTH: 432
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-063-589-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
 DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
 QY 62 CGPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLSATGNW 121
 DB 64 CGPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLSATGNW 123

```

QY 122 FSACFNDFTALAEATACRQMGYSKPTFAVEIGDODLDVVEITENSQELRMNSSGPC 181
DB 124 FSACFNDFTALAEATACRQMGYS-----RAVEIGDODLDVVEITENSQELRMNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 238
QY 242 AHCFRKHDTVFNWKVRASDGLGSFPSLAIAKIIIEFNPMYPRXNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVFNWKVRASDGLGSFPSLAIAKIIIEFNPMYPRXNDIALMKLOPPLTFS 298
QY 302 GTVPRIICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVPRIICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVVGIVSMGYCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVVGIVSMGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYNWKAEI 435
DB 419 AYLNMIYNWKAEI 432

```

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RESULT 193
US-10-063-591-112
/ Sequence 112, Application US/10063591
/ GENERAL INFORMATION:
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Geriltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3230R1C1
/ CURRENT APPLICATION NUMBER: US/10/063,591
/ PRIOR APPLICATION DATE: 2002-05-30
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 112
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-063-591-112

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```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSODPLNSLDVYKPKRIPMETPRKVGIPITIIALLSLASIIIVVLIKYLDRKYFL 61
DB 4 DPDSODPLNSLDVYKPKRIPMETPRKVGIPITIIALLSLASIIIVVLIKYLDRKYFL 63
QY 62 CGOPLHPIPRKQICDGLDPLGDEDEHCVKSPFEGPAVAVALSKORSTLOVLDSATGNW 121
DB 64 CGOPLHPIPRKQICDGLDPLGDEDEHCVKSPFEGPAVAVALSKORSTLOVLDSATGNW 123
QY 122 FSACFNDFTALAEATACRQMGYSKPTFAVEIGDODLDVVEITENSQELRMNSSGPC 181
DB 124 FSACFNDFTALAEATACRQMGYS-----RAVEIGDODLDVVEITENSQELRMNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 238
QY 242 AHCFRKHDTVFNWKVRASDGLGSFPSLAIAKIIIEFNPMYPRXNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVFNWKVRASDGLGSFPSLAIAKIIIEFNPMYPRXNDIALMKLOPPLTFS 298

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DB 239 AHCFRKHDTVFNWKVRASDGLGSFPSLAIAKIIIEFNPMYPRXNDIALMKLOPPLTFS 298
QY 302 GTVPRIICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVPRIICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVVGIVSMGYCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVVGIVSMGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYNWKAEI 435
DB 419 AYLNMIYNWKAEI 432

```

```

RESULT 194
US-10-063-592-112
/ Sequence 112, Application US/10063592
/ GENERAL INFORMATION:
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Geriltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3230R1C1
/ CURRENT APPLICATION NUMBER: US/10/063,592
/ PRIOR APPLICATION DATE: 2002-05-03
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 112
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-063-592-112

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Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSODPLNSLDVYKPKRIPMETPRKVGIPITIIALLSLASIIIVVLIKYLDRKYFL 61
DB 4 DPDSODPLNSLDVYKPKRIPMETPRKVGIPITIIALLSLASIIIVVLIKYLDRKYFL 63
QY 62 CGOPLHPIPRKQICDGLDPLGDEDEHCVKSPFEGPAVAVALSKORSTLOVLDSATGNW 121
DB 64 CGOPLHPIPRKQICDGLDPLGDEDEHCVKSPFEGPAVAVALSKORSTLOVLDSATGNW 123
QY 122 FSACFNDFTALAEATACRQMGYSKPTFAVEIGDODLDVVEITENSQELRMNSSGPC 181
DB 124 FSACFNDFTALAEATACRQMGYS-----RAVEIGDODLDVVEITENSQELRMNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 238
QY 242 AHCFRKHDTVFNWKVRASDGLGSFPSLAIAKIIIEFNPMYPRXNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVFNWKVRASDGLGSFPSLAIAKIIIEFNPMYPRXNDIALMKLOPPLTFS 298
QY 302 GTVPRIICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVPRIICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVVGIVSMGYCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPREGVDTCQSDSGGPLMYQSDQMHVVGIVSMGYCGGSPSTPGVYTKVS 418

```

QY 422 AYLNWYVWKAEI 435
Db 419 AYLNWYVWKAEI 432

RESULT 195
US-10-063-593-112

Sequence 112, Application US/10063593
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P323ORIC1
CURRENT APPLICATION NUMBER: US/10/063,593
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-593-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

QY 2 DSDSDPLNSLDVPLKRPRIPIIIMETFRKVGIIPIIALLSLASIIIVVLLIKYILDKYYFL 61
Db 4 DSDSDPLNSLDVPLKRPRIPIIIMETFRKVGIIPIIALLSLASIIIVVLLIKYILDKYYFL 63
QY 62 CGPLHFIPIRKOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 121
Db 64 CGPLHFIPIRKOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 123
QY 122 FSACFDNFTLALTAACRQWYSSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 181
Db 124 FSACFDNFTLALTAACRQWYSSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPMQVSIQYDKQHVCGSILDPHMLVLA 241
Db 179 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPMQVSIQYDKQHVCGSILDPHMLVLA 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGGMSDILLQASVQVLDSTRCNADDAVQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGGMSDILLQASVQVLDSTRCNADDAVQ 358
QY 362 GEVTEKMMKACGIPREGGVDTCCGDSGGPLMYOSDQMHVVGIVSMGCGGSPSTPGYTTKVS 421
Db 359 GEVTEKMMKACGIPREGGVDTCCGDSGGPLMYOSDQMHVVGIVSMGCGGSPSTPGYTTKVS 418
QY 422 AYLNWYVWKAEI 435
Db 419 AYLNWYVWKAEI 432

RESULT 196
US-10-063-594-112
Sequence 112, Application US/10063594
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.

APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P323ORIC1
CURRENT APPLICATION NUMBER: US/10/063,594
CURRENT FILING DATE: 2002-05-30
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-594-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

QY 2 DSDSDPLNSLDVPLKRPRIPIIIMETFRKVGIIPIIALLSLASIIIVVLLIKYILDKYYFL 61
Db 4 DSDSDPLNSLDVPLKRPRIPIIIMETFRKVGIIPIIALLSLASIIIVVLLIKYILDKYYFL 63
QY 62 CGPLHFIPIRKOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 121
Db 64 CGPLHFIPIRKOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 123
QY 122 FSACFDNFTLALTAACRQWYSSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 181
Db 124 FSACFDNFTLALTAACRQWYSSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPMQVSIQYDKQHVCGSILDPHMLVLA 241
Db 179 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPMQVSIQYDKQHVCGSILDPHMLVLA 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGGMSDILLQASVQVLDSTRCNADDAVQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGGMSDILLQASVQVLDSTRCNADDAVQ 358
QY 362 GEVTEKMMKACGIPREGGVDTCCGDSGGPLMYOSDQMHVVGIVSMGCGGSPSTPGYTTKVS 421
Db 359 GEVTEKMMKACGIPREGGVDTCCGDSGGPLMYOSDQMHVVGIVSMGCGGSPSTPGYTTKVS 418
QY 422 AYLNWYVWKAEI 435
Db 419 AYLNWYVWKAEI 432

RESULT 197
US-10-063-595-112
Sequence 112, Application US/10063595
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME

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; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,595
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-595-112

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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```

QY 2 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKTYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKTYFL 63
QY 62 CGQPLHFIPIRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 121
DB 64 CGQPLHFIPIRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 123
QY 122 FSACFDNFTALAEFTACRQMGYSKPTFPAVEIGPDQDLDVVEITENSOELMRNMSGPC 181
DB 124 FSACFDNFTALAEFTACRQMGYS-----FAVEIGPDQDLDVVEITENSOELMRNMSGPC 178
QY 182 LSGSLVSLHCLACGSKLKTPIRVVGGEEASVDSMPQVSIQYDKQHVCGGSIIDPHMVLTA 241
DB 179 LSGSLVSLHCLACGSKLKTPIRVVGGEEASVDSMPQVSIQYDKQHVCGGSIIDPHMVLTA 238
QY 242 AHCFRKHITVFNWKVAGSKDKLGFPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHITVFNWKVAGSKDKLGFPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 298
QY 302 GTVRPCLPFPDEBELTPALMTIIGMFTKONGKMSDILLQASVOVLDSTRCANADAYQ 361
DB 299 GTVRPCLPFPDEBELTPALMTIIGMFTKONGKMSDILLQASVOVLDSTRCANADAYQ 358
QY 362 GEVTERKMCAGIPREGSVDTCCGDSGGLMYOSDQMHVVGIYSWKYGGCGSTPQVYTKVS 421
DB 359 GEVTERKMCAGIPREGSVDTCCGDSGGLMYOSDQMHVVGIYSWKYGGCGSTPQVYTKVS 418
QY 422 AYLNMTIYNVWKAEL 435
DB 419 AYLNMTIYNVWKAEL 432

```

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RESULT 198
US-10-063-596-112

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```

; Sequence 112, Application US/10063596
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin J.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,596
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-596-112

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKTYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKTYFL 63
QY 62 CGQPLHFIPIRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 121
DB 64 CGQPLHFIPIRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 123
QY 122 FSACFDNFTALAEFTACRQMGYSKPTFPAVEIGPDQDLDVVEITENSOELMRNMSGPC 181
DB 124 FSACFDNFTALAEFTACRQMGYS-----FAVEIGPDQDLDVVEITENSOELMRNMSGPC 178
QY 182 LSGSLVSLHCLACGSKLKTPIRVVGGEEASVDSMPQVSIQYDKQHVCGGSIIDPHMVLTA 241
DB 179 LSGSLVSLHCLACGSKLKTPIRVVGGEEASVDSMPQVSIQYDKQHVCGGSIIDPHMVLTA 238
QY 242 AHCFRKHITVFNWKVAGSKDKLGFPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHITVFNWKVAGSKDKLGFPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 298
QY 302 GTVRPCLPFPDEBELTPALMTIIGMFTKONGKMSDILLQASVOVLDSTRCANADAYQ 361
DB 299 GTVRPCLPFPDEBELTPALMTIIGMFTKONGKMSDILLQASVOVLDSTRCANADAYQ 358
QY 362 GEVTERKMCAGIPREGSVDTCCGDSGGLMYOSDQMHVVGIYSWKYGGCGSTPQVYTKVS 421
DB 359 GEVTERKMCAGIPREGSVDTCCGDSGGLMYOSDQMHVVGIYSWKYGGCGSTPQVYTKVS 418
QY 422 AYLNMTIYNVWKAEL 435
DB 419 AYLNMTIYNVWKAEL 432

```

```

RESULT 199
US-10-063-597-112

```

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; Sequence 112, Application US/10063597
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin J.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,597
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-597-112

```

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKTYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKTYFL 63
QY 62 CGQPLHFIPIRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 121

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Db      64 CGGPIHPIPRKQJCDGLDCELDGEDEHCVKSPFEGGAVAVRLSKORSTIQVDSATGNW 123
Qy      122 F$ACFDNFTALAEACRQWYSSKPTFRAVEIGPDODLDVETITENSQELMRNSSGPC 181
Db      124 FSACFDNFTALAEACRQWYSSKPTFRAVEIGPDODLDVETITENSQELMRNSSGPC 178
Qy      182 LSGSLVSLHCLACGSKSLKTPRVVGGEEBASVDSPWQVSIQYDKQHVCGGSLDHPHWLTA 241
Db      179 LSGSLVSLHCLACGSKSLKTPRVVGGEEBASVDSPWQVSIQYDKQHVCGGSLDHPHWLTA 238
Qy      242 AHCRKATDVFNMKVRAGSDKLGSPSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 301
Db      239 AHCRKATDVFNMKVRAGSDKLGSPSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 298
Qy      302 GTVAPICLPFDEELTPATPLMIIGWGFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
Db      299 GTVAPICLPFDEELTPATPLMIIGWGFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
Qy      362 GEYTERKMCAGIPRGVDTQGDGSGPLMTQSDQMHVGVISWGGCGGSPSTPGVYTKVS 421
Db      359 GEYTERKMCAGIPRGVDTQGDGSGPLMTQSDQMHVGVISWGGCGGSPSTPGVYTKVS 418
Qy      422 AYLNMIYNWKAEL 435
Db      419 AYLNMIYNWKAEL 432

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RESULT 200

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US-10-063-598-112
; Sequence 112, Application US/10063598
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,598
; PRIORITY FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-598-112

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Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;

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Qy      2 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYFL 61
Db      4 DPDSQPLNSLDVPRKRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYFL 63
Qy      62 CGQPLHFIIPRQJCDGLDCELDGEDEHCVKSPFEGGAVAVRLSKORSTIQVDSATGNW 121
Db      64 CGQPLHFIIPRQJCDGLDCELDGEDEHCVKSPFEGGAVAVRLSKORSTIQVDSATGNW 123
Qy      122 FSACFDNFTALAEACRQWYSSKPTFRAVEIGPDODLDVETITENSQELMRNSSGPC 181
Db      124 FSACFDNFTALAEACRQWYSSKPTFRAVEIGPDODLDVETITENSQELMRNSSGPC 178
Qy      182 LSGSLVSLHCLACGSKSLKTPRVVGGEEBASVDSPWQVSIQYDKQHVCGGSLDHPHWLTA 241
Db      179 LSGSLVSLHCLACGSKSLKTPRVVGGEEBASVDSPWQVSIQYDKQHVCGGSLDHPHWLTA 238

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Qy      242 AHCRKATDVFNMKVRAGSDKLGSPSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 301
Db      239 AHCRKATDVFNMKVRAGSDKLGSPSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 298
Qy      302 GTVAPICLPFDEELTPATPLMIIGWGFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
Db      299 GTVAPICLPFDEELTPATPLMIIGWGFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
Qy      362 GEYTERKMCAGIPRGVDTQGDGSGPLMTQSDQMHVGVISWGGCGGSPSTPGVYTKVS 421
Db      359 GEYTERKMCAGIPRGVDTQGDGSGPLMTQSDQMHVGVISWGGCGGSPSTPGVYTKVS 418
Qy      422 AYLNMIYNWKAEL 435
Db      419 AYLNMIYNWKAEL 432

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Search completed: January 21, 2006, 05:49:46
Job time : 235 secs

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